

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH II, ALIPUR,
SHUJABAD & TAUNSA(PHASE-I)**

COST SUMMARY OF 3 TEHSIL'S

| Bill No. | Description | TAUNSA | ALIPUR | SHUJABAD | TOTAL RS |
|----------|---|--------------|------------------------|--------------|----------|
| | | JHOK BHUTTA | LANGAR WAH & SUNDER | GHARABI | |
| | | Amount (Rs.) | Amount (Rs.) | Amount (Rs.) | |
| 1 | WATER SUPPLY SYSTEM | | | | |
| 1.1 | Tube Well Installation | | | | |
| 1.2 | Tube Well Chamber | | | | |
| 1.3 | Over Head Water Tank OHR (10,000 Gallons) | | | | |
| 1.4 | Distribution Network | | | | |
| 1.5 | Electrification for Water Supply (Electrical) | | | | |
| 1.6 | Stand Post with Storage Tanks | | | | |
| 1.7 | Precast Boundary Wall for Water Supply | | | | |
| 2 | SEWERAGE SYSTEM | | | | |
| 2.1 | Cover Drains (with RPC) | | | | |
| 2.2 | Septic Tank | | | | |
| 3 | ESMP COST | | | | |
| 4 | Brick Soling | | | | |
| 5 | Soakage Pit | | | | |
| 6 | Employee's & Engineer Facilities | | | | |
| | TOTAL COST (Rs.) | | | | |
| | ADD @ 5% PRA CHARGES (Rs.) | | | | |
| | GRAND TOTAL COST (Rs.) | | | | |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT
(PRSWSSP), CLUSTER SOUTH-II, (PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

ABSTRACT OF COST

| Bill No. | Description | Amount (Rs.) |
|-------------------------|---|---------------------|
| 1 | WATER SUPPLY SYSTEM | |
| 1.1 | Stand Post with Storage Tanks | |
| 1.2 | Boundary Wall | |
| 1.3 | Electrification for Water Supply (Electrical) | |
| 2 | SEWERAGE SYSTEM | |
| 2.1 | Covered Drains | |
| 2.2 | Septic Tank | |
| 3 | ESMP COST | |
| 4 | Brick Soling | |
| 5 | Soakage Pit | |
| 6 | Employer/Engineer's Facilities | |
| TOTAL COST (Rs.) | | |

PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II, (PHASE-1)

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill No. 1.1: STAND POST DETAILED ESTIMATE

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|---------|----------|----------------|-------------|
| 1 | 3/21/1/ii | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) a) By Manual | | | | |
| | | in ordinary soil. | 100Cft | 0.21 | | |
| 2 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): | | | | |
| | | (f) Ratio 1: 2: 4 | 100Cft | 1.96 | | |
| 3 | 6/2 | Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50 mm) gauge. | | | | |
| | | Under Stand Post Footing | 100Cft | 0.49 | | |
| 4 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): | | | | |
| | | i) Ratio 1: 4: 8 | 100Cft | 0.21 | | |
| 5 | 6/3 | Cement concrete brick or stone ballast 1½" to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- | | | | |
| | | (d) Ratio 1: 6:12 | 100Cft | 0.25 | | |
| 6 | 7/4/i | Pacca brick work in foundation and plinth in:- | | | | |
| | | Cement, sand mortar:- Ratio 1:5 | 100Cft | 5.91 | | |
| 7 | 7/5 | Pacca brick work other than building upto 10ft. (3 m) height. | | | | |
| | | i) Cement, sand mortar:- Ratio 1:6 | 100Cft | 0.41 | | |
| 8 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Per.Cft | 292.50 | | |
| 9 | 6/12-c | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- | | | | |
| | | Deformed bars (Grade-60) | 100 Kg | 12.42 | | |

PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II, (PHASE-1)

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill No. 1.1: STAND POST DETAILED ESTIMATE

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|---------|----------|----------------|-------------|
| 10 | 10/21 | 1-3/8" (35mm) thick mosaic flooring consisting of 3/8"(10 mm) mosaic topping of one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over 1"(25 mm) thick flooring of 1:2:4 cement concrete including rubbing and polishing complete:- (a) using grey cement | | | | |
| | | Floor | 100 Sft | 1.49 | | |
| 11 | 10/37 | Mosaic dado or skirting with one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over 1/2 "(13 mm) thick cement plaster 1:3, including rubbing and polishing, complete with finishing: (a) using grey cement: i) 3/8"(10 mm) thick | | | | |
| | | Side Wall | 100 Sft | 1.53 | | |
| 12 | 6/31 A | Providing and embedding 10" (250mm) wide PVC water stopper in expansion joints of RCC structures (Retaining walls, water tanks, Slabs) complete in all respect. | Per Rft | 51.00 | | |
| 13 | 10/3 | Supplying and filling sand under floor; or plugging in Wells | | | | |
| | | | 100Cft | 0.37 | | |
| 14 | 10/43 | Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting/dado of specified size, Color and Shade with adhesive/ bond over 1/2"thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. | | | | |
| | | a) Full body Glazed tiles | | | | |
| | | (i) 400 mm x 400 mm | P.Sft | 612.00 | | |
| 15 | 11/10-b | Cement plaster 3/8" (10 mm) thick under soffit of RCC. roof slabs only, upto 20' height. Ratio 1:3 | 100 Sft | 7.42 | | |
| 16 | 10/41 | Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope . complete in allrespect. (50% Grey / 50% Coloured) | | | | |
| | | b) 60-mm thick | P.Sft | 153.00 | | |
| 17 | 11/9-c | Cement plaster 1:4 upto 20' (6.00 m) height:- 3/4" (20 mm) thick | 100 Sft | 3.73 | | |
| 18 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. (crushed stone aggregate and bajri used in concrete items) (Lead 250 Km) | | | | |

PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II, (PHASE-1)

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill No. 1.1: STAND POST DETAILED ESTIMATE

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|------------|----------|----------------|-------------|
| | | | 100 Cft | 2.17 | | |
| 19 | 19/24 | Providing and fixing chromium plated pillar-cock, heavy:- | | | | |
| | | i) 2 cm (¾") | Each | 6.00 | | |
| 20 | 19/34 | Providing and fixing, floor trap of cast iron, including concrete chamber all round, and C.I.grating:- | | | | |
| | | ii) 10x7.5 cm (4"x3") | Each | 2.00 | | |
| 21 | 21/1 | Providing and laying R.C.C. pipe, moulded with cement concrete 1:1 ½:3, with spigot socket or collar joint, etc. including cost of reinforcement, conforming to B.S. 5911:Part I: 1981, Class "L" including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing, cutting pipes where necessary, finishing and testing, etc., complete. | | | | |
| | | i) 100 mm (4") i/d | P.Rft | 30.00 | | |
| | | ii) 150 mm (6") i/d | P.Rft | 50.00 | | |
| 22 | 21/8 | Constructing standard gully grating chamber, 3' x 2 ½' (900x750 mm), with chinaware trap as per PHED Drawing STD/PD No. 3 of 1977, complete in all respects | | | | |
| | | | Each | 1.00 | | |
| 23 | 19/51 | Providing and hoisting vertical/ horizontal type storage tank of required capacity made of rotationally molded from (HDPE), double ply polyethelene of approved manufacturer i/c cost of making connection for inlet/outlet pipe, float valve i/c all cost of specials& labour complete in all respect as approved and directed by the Engineer Incharge. | Per Gallon | 1,000.00 | | |
| 24 | NS | Providing and installation for 5000 GPD commercial RO plant mineral water filtration reverse osmoosis system | Each | 1.00 | | |
| 25 | 23/32 | P/F Ejector Pump of specified Suction and Delivery heads,coupled with Single Phase Seimen Electric Motor of required rating for water supply i/c the cost of connection charges, necessary wire, PVC pipes etc complete in all respect as approved and directed by the Engineer Incharge. | | | | |
| | | ii) G-IV (2-1/2"x2") with 2.5 HP Electric Motor, 38-Mtr Suction and 38 M delivery head | Each | 1.00 | | |
| 26 | 22/1 | Boring for tubewell in all types of soil except shingle and Chap. 2 rock, from ground level to specific depth, including sinking and withdrawing of casing pipe, complete:- | | | | |
| | | 1 Upto 0 to 100' depth | | | | |
| | | c) 5" (125 mm) i/d | P.Rft | 100.00 | | |
| | | 2 Upto 101' to 200' depth | | | | |
| | | a) 5" (125 mm) i/d | P.Rft | 50.00 | | |

PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II, (PHASE-1)

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill No. 1.1: STAND POST DETAILED ESTIMATE

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|---------|----------|------------------------|-------------|
| 27 | 23/10 | Providing and installing Fiber glass Reinforced Polypropelene (FRP) House Pipe of specified Tubewell borehole i/c the cost of male/ female coupling with Nylone Strip, wall thickness having slot size of 0.9 mm to 1.10 mm in studs complete in all respect as approved and directed by the Engineer | | | | |
| | | (FRP Housing pipe) | | | | |
| | | ii) 3" dia (5mm thickness) | Per Rft | 50.00 | | |
| 28 | 23/9(iv) | Providing and installing Fiberglass Reinforced Polypropelene (FRP) strainer of specifid wall thickness having slot size of 0.9 mm to 1.10 mm in Tubewell borehole i/c the cost of male/female coupling with Nylone Strip, studs complete in all respect as approved and directed by the Engineer Incharge. | | | | |
| | | ii) 3" inch dia (5 mm thickness) | Per Rft | 50.00 | | |
| 29 | 23/10 | Providing and installing Fiber glass Reinforced Polypropelene (FRP) Blind Pipe of specified Tubewell borehole i/c the cost of male/ female coupling with Nylone Strip, wall thickness having slot size of 0.9 mm to 1.10 mm in studs complete in all respect as approved and directed by the Engineer Incharge | | | | |
| | | ii) 3" dia (5mm thickness) | Per Rft | 50.00 | | |
| 30 | 23/10 | Providing and installing Fiber glass Reinforced Polypropelene (FRP) bail plug of specified Tubewell borehole i/c the cost of male/ female coupling with Nylone Strip, wall thickness having slot size of 0.9 mm to 1.10 mm in studs complete in all respect as approved and directed by the Engineer Incharge | | | | |
| | | ii) 3" dia (5mm thickness) | Rft | 10.00 | | |
| 31 | 6/5-f | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): | | | | |
| | | (f) Ratio 1: 2: 4 | 100 Cft | 0.06 | | |
| | | | | | Total Rs. | - |
| | | | | | Required Unit | 5.00 |
| | | | | | Grand Total Rs. | - |

PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II, (PHASE-1)

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill No. 1.2 : DETAILED ESTIMATE FOR BOUNDARY WALL

| Sr. No | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Rate (Rs) | Amount (Rs) |
|--------|------------------------------------|---|------------------|----------------|-----------|-------------|
| 1 | 3/21 (a)-ii | Excavation in foundation of building, bridges and other structure, including dag belling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain and lift upto 5' in ordinary soil. | 1000 Cft | 2.27 | | |
| 2 | 6/3/d | Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- Ratio 1: 6: 12 | 100 Cft | 2.99 | | |
| 3 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate (d) Ratio 1:4:8 | 100 Cft | 4.54 | | |
| 4 | 7/4 (i) | Pacca brick work in foundation and plinth in:- a) cement sand mortar:- Ratio (1:5) | 100 Cft | 3.43 | | |
| 5 | 6/37 | Providing and laying Horizontal damp proof course of cement concrete 1:2:4 (using cement, sand and shingle), including bitumen coating:- (a) with one coat bitumen and one coat polythene sheet 500gauge i) 1½" thick (40 mm) | 100 Sft | 3.05 | | |
| 6 | 6/38 | Providing and laying vertical damp proof course with cement sand plaster and bitumen coating:- (a) with one coat of bitumen and one coat of polythene sheet 500 gauge: i) Ratio 1: 4 b) ¾" thick (20 mm) | 100 Sft | 4.40 | | |
| 7 | 7/5 | Pacca brick work in ground floor:- i) Cement, sand mortar:- Ratio 1:5 | 100Cft | 18.31 | | |
| 8 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- Type C (nominal mix 1: 2: 4) | Per Cft | 305.11 | | |
| 9 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making oints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- (b) Deformed bars (ii) (Grade-60) | 100 g | 10.37 | | |
| 10 | 11/8-c | Cement plaster 1:4 upto 20' (6.00m) height:- c) ¾" (20 mm) thick | 100 Sft | 15.56 | | |
| 11 | 11/16 (b) | Cement pointing struck joints, on walls, upto 20' (6.00 m) height, ratio 1:3 with red oxide pigment | 100 Sft | 16.91 | | |
| 12 | 11/22 | Priming coat of chalk under distemper. a) new surface:- ii) two coats | 100 Sft | 16.91 | | |
| 13 | 13/33 | Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect: i) 1st coat ii) 2nd coat | 100Sft 100Sft | 16.91 16.91 | | |

PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II, (PHASE-1)

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill No. 1.2 : DETAILED ESTIMATE FOR BOUNDARY WALL

| Sr. No | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Rate (Rs) | Amount (Rs) |
|--------|------------------------------------|---|----------------------|--------------|-----------|-------------|
| 14 | 11/31 | Extra cost of labour and material for red oxide pigment in cement pointing to match with the colour of bricks. | 100Sft | 16.91 | | |
| 15 | 6/5/f | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (f) Ratio 1: 2: 4 | 100Sft | 0.47 | | |
| 16 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor (crushed stone aggregate and bajri used in concrete items) Lead From nearest quarry (100km) | 100 Cft | 9.62 | | |
| 17 | 25/31 | Making and fixing steel grated door with 1/16" thick (1.5mm) sheeting, including angle iron frame 2"x2"x3/8" (50x50x10 mm) and 3/4" (20 mm) square bars 4" (100 mm) centre to centre, with locking arrangement. | Sft | 60.00 | | |
| 18 | 13/5/c | Painting new surface:- Preparing surface and painting of doors and windows any type (including edges):- i) priming coat. ii)Two coat | Sft Sft | 2.56 2.56 | | |
| 19 | 26/46 | Providing and fixing anti climb high security galvanized razor cut wire fencing having double sharp four U-shaped pointed 0.5 mm thick (22mmx15 mm barbs) spaced @ 33 mm c/c cladded over 2.5 mm dia high tensile Core wire making coil fencing of specified diameter @ 4" c/c fixed on 2'-3" high M/S angle iron post 1 1/2"x1 1/2"x3/16"embedded in base of PCC (1:2:4) (4"x4"x9") @ 4' apart i/c the cost of 2 No. bars 3/8" dia welded horizontally with angle iron posts , binding wire, painting of posts, etc. complete in all respects as pproved and directed by the Engineer incharge. | Rft | 1524.00 | | |
| 20 | 18/20 | Providing and laying dry brick pavement /soling in streets or roads, etc. sand grouted, laid in proper camber, including preparation, watering, compaction of bed to proper camber, and sand cushion. | 100 Cft | 2.29 | | |
| 21 | 3/5 | Earthwrk in ordinary soil for embankments lead upto 100 ft. (30 m), including ploughing and mixing with blade grade or disc harrow or other suitable equipment, and compaction by mechanical means at optimum moisture content and dressing to designed section, complete in all where necessary. respects:- i) 95% to 100% maximum modified AASHTO dry density. | 1000 Cft | 1.88 | | |
| 22 | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) a) upto 1/4 mile (400 m). b) for every 330 ft. (100 m) additional lead or part thereof, beyond 1/4 mile (400 m) upto one mile. (1.6 Km.) | 1000 Cft 1000 Cft | 1.88 1.88 | | |
| 23 | N.S | Sweet Earth Providing, Transportation and laying of Sweet earth complete in all respect and directed by the Engineer | Per Cft | 1299.21 | | |
| 24 | N.S | Dhaka Grass Providing and laying Dhaka grass on Sweet earth (excluding sweet earth) complete in all respect and directed by the Engineer | Per Sft | 3937.00 | | |
| 25 | N.S | Plants Providing, transportation & fixing of Plants (Ornamental upto 1.5 ~4ft) complete in all respect and directed by The Engineer | Each | 40.00 | | |

PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II, (PHASE-1)

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill No. 1.2 : DETAILED ESTIMATE FOR BOUNDARY WALL

| Sr. No | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Rate (Rs) | Amount (Rs) |
|---------------------------|------------------------------------|--|-------|----------|-----------|-------------|
| 26 | N.S | Plants with pots Providing, transportation & fixing of Plants with pot (Ornamental upto 1.5 ~4ft) complete in all respect and directed by The Engineer | Each | 40.00 | | |
| 27 | N.S | Waste Bin Providing and transportation of Bio Medical Waste Bin 45 Litters made of BioHazard Medica complete in all respect and directed By the Engineer | Each | 3.00 | | |
| 28 | N.S | MS Plate 12" x 6" Providing, transportation & fixing of MS Plate 12" x 6" (16 Guage) Direct on Walls with Cap Nails 1.5" in which House Number or Room Name mentioned complete in all respect and with Vinyl sticker directed by The Engineer | Each | 5.00 | | |
| 29 | 18/25-a-ii | Detailed Sign Board Providing, fabrication and fixing pole mounted Direction Board/ road delineator of any shape and size, with specified Sheet and thickness, supported with G.I Channel, (excluding the cost of vertical post and painting) etc. complete in all respect (A-ii) G.I Sheet 14 SWG (RECTANGULAR SHAPE) 12-48 Sft | P.Sft | 90.00 | | |
| 30 | 13/42/b | Lettering and printing of signage / direction boards / road delineators of any color by machine i/c cost of Digital Lettering, Lamination & pasting etc. complete in all respect. b) Diamond Grade Tape | Each | 90.00 | | |
| 31 | 18/27 | Providing, fabrication and fixing Vertical Post comprising of medium quality G.I Pipe of specified diameter, including the cost of clamping arrangements, top cover, hold fasts, PCC 1:2:4 footing of specified depth and excavation etc complete in all respect, as approved and directed by the engineer incharge. (b) 3-inch diameter (footing 1.5'x1.5'x5') | P.Rft | 60.00 | | |
| 32 | JOB | Providing and laying of Local Grass in yard with 3' wide stric for soling on edg, 200 Sft area for grass and 2 No bench and local tree up to 24" girth. Complete in all respect as instruction of engineer.(Provisional Qty) | Sft | 3937.00 | | |
| 33 | JOB | Providing and Fixing on Boundry wall as standerd size street pole with single arm, complete with all civil & electrical work, as instruction of engineers | No | 3.00 | | |
| Total Cost for One | | | | | | - |
| Required No.s | | | | | | 5 |
| Grand Total | | | | | | - |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP),
CLUSTER SOUTH-II, (PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill No. 1.5: Electrification for Stand Post

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|------|----------|----------------|-------------|
| 1 | 24/3 (a-iii) | Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials. a) Recessed in walls i/c making jharries iii) 25 mm i/d | Rft. | 45.00 | | |
| 2 | 24/9 | Supply and erection of single core PVC insulated, PVC sheathed copper conductor, 250/440 volts grade cable (BSS-2004), in prelaid PVC pipes/M.S. conduit/G.I. pipe/wooden strip batten/wooden casing and capping/trenches, etc. (rate for cable only): | | | | |
| | | i) 3/0.74 mm (3/0.029") | Rft. | 120.00 | | |
| | | iii) 7/0.74 mm (7/0.029") | Rft. | 115.00 | | |
| 3 | 24/104 | Providing and fixing Pakistan Energy Label NEEC Approved Copper winded CeilingFan i/c the cost of necessary cable and hardware for connection as approved and directed by Engineer Incharge. | Each | 2.00 | | |
| | | iii) 56" dia | | | | |
| 4 | 24/105 | P/FPVC double layer Switchkit Faceplate with specified switch holes i/c the cost of switches/sockets/dimmer made of Legrand/ABB/Schenider or approved equivalent manufacturer, screws complete in all respect, as approved and directed by the Engineer Incharge | | | | |
| | | a) One way Gange Switch (Small) | | | | |
| | | (ii) 02 Gange | Each | 2.00 | | |

PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II, (PHASE-1)

LANGERWAH AND SUNDER, TEHSIL ALI PUR

| Bill No. 2.1: Covered Drain Detailed Estimate | | | | | | | | |
|---|------------------------------------|--|-----------|-----------|----------|----------------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | LANGERWAH | SUNDER | TOTAL QUANTITY | Unit Rate (Rs) | Amount (Rs) |
| 1 | 4/29 | Dismantling brick or flagged flooring without concrete foundation | 100 Cft. | 69.35 | 69.34 | 138.68 | | |
| 2 | 4/16 | Dismantling and removing road pavement, etc., including screening and stacking of byproducts upto one chain lead (30 metre) | 100 Cft. | 20.00 | 20.00 | 40.00 | | |
| | | | | | | - | | |
| 3 | 4/19 | c) Dismantling cement concrete 1:2:4 plain. | 100 Cft. | 2.10 | 1.50 | 3.60 | | |
| | | | | | | - | | |
| 4 | 4/13 | Dismantling brick work in lime or cement mortar. | 100 Cft. | 2.10 | 1.50 | 3.60 | | |
| | | | | | | - | | |
| | | | | | | - | | |
| 5 | 3/9 | Earthwork excavation in irrigation channels, drains, etc. to designed section, grades and profiles, excavated material disposed off and dressed within 100 ft. (30 m) lead:- i) Ordinary | 1000 Cft. | 37.27 | 7.04 | 44.31 | | |
| | | | | | | - | | |
| 6 | 20/6 | Constructing Punjab Standard Drains. of cement concrete 1:2 ½ :5, with cement concrete bedding ratio 1:6:12, complete, laid to lines, grades, slopes and shapes, rendering exposed surface of concrete with 1:1 cement, sand mortar, ¼ " (6 mm) thick, as per Engineer's drawing (excluding excavation):- a) Type I | Per Rft. | 19,032.00 | 2,968.68 | 22,000.68 | | |
| | | | | | | - | | |
| 7 | 6/3 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (d) Ratio 1: 6:12 | 100 Cft. | 71.37 | 11.13 | 82.50 | | |
| 8 | 20/1 | Tega formed of pacca bricks on end, laid in and over cement sand mortar projecting to a height of not more than 6" (150 mm) top of drain along the property side where required, laid to lines, grades, slopes and shape according to the Engineer's drawing:- B) 4½" thick (113 mm) i) ratio 1:3 | 100 Rft. | 190.32 | 29.69 | 220.01 | | |
| | | | | | | - | | |
| 9 | 20/3 | Pacca brick on edge, laid in reimbursement, in cement, sand mortar, on sides of drains and on other works where required. All joints to be completely filled and struck flush:- a) ratio 1:3 | 100 Sft. | 142.74 | 22.27 | 165.01 | | |
| | | | | | | - | | |
| 10 | N.S | Manufacturing, supply, and installation of Drain Cover made of 100% Recycled Plastic Composite (RPC) material, having dimensions 1.5 ft × 3 ft with 55 mm thickness. The cover shall be perforated with clear 2-inch diameter circular holes. The drain cover shall be load-bearing with a minimum capacity of 4-ton axle load / point load. | No.s | 1,586.00 | 248.00 | 1,834.00 | | |
| | | | | | | - | | |

PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II, (PHASE-1)

LANGERWAH AND SUNDER, TEHSIL ALI PUR

| Bill No. 2.1: Covered Drain Detailed Estimate | | | | | | | | |
|---|------------------------------------|---|----------|-----------|--------|----------------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | LANGERWAH | SUNDER | TOTAL QUANTITY | Unit Rate (Rs) | Amount (Rs) |
| 11 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | - | | |
| | | (a) Reinforced cement concrete in roof slab, beams columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- (3) Type C (nominal mix 1: 2: 4) | Per Cft. | 3,485.46 | 554.55 | 4,040.01 | | |
| | | | | | | - | | |
| 12 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- (b) Deformed bars (ii) (Grade-60) | 100 Kgs. | 106.81 | 16.99 | 123.81 | | |
| | | | | | | - | | |
| 13 | 19/47 | Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS 4514 / BS 5255 - EN 1329 including the cost of specials and Solvents complete in all respects, as per drawings & specifications and / or as approved and directed by the Engineer Incharge (iii) 50mm | Per Rft. | 3,806.33 | 605.54 | 4,411.87 | | |
| 14 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor (crushed stone aggregate and bajri used in concrete items) (The lead in the rate has been considered as 310 km; however, payment shall be made based on the actual lead accordingly as per the lead chart approved by the Engineer) | 100 Cft. | 30.67 | 4.88 | 35.55 | | |
| | | | | | | - | | |
| 15 | 7/7 | Pacca brick work other than building upto 10ft. (3 m) height. i) Cement, sand mortar:- Ratio 1:3 (Provisional Qty) | 100 Cft. | 1.00 | 10.05 | 11.05 | | |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

| Bill 2.2: SEPTIC TANK DETAILED ESTIMATE | | | | | Size 15'x5'x6' | |
|---|------------------------------------|---|-----------|----------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chan/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | CIVIL WORKS | | | | |
| 1 | 3/21 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) | | | | |
| | | 2) a) By Excavator | | | | |
| | | ii) Ordinary soil | 1000Cft | 2.38 | | |
| | | b) Lift from 5ft (1.5m) to 15 ft (4.5 m):- | | | | |
| | | ii) Ordinary soil | 1000Cft | 1.13 | | |
| 2 | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) (Transportation will be paid as per actual lead chart to be approved by the Engineer) | | | | |
| | | a) upto ¼ mile (400 m). | 1000 Cft. | 3.51 | | |
| 3 | 13/9 | Bitumen coating to plastered or cement | | | | |
| | | i) 20 lbs. per 100 Sft. (9.07 Kg per Sq.m) | 100 Sft | 2.40 | | |
| 4 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100Cft | 1.57 | | |
| 5 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 | 100 Cft. | 0.29 | | |
| 6 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 37.50 | | |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill 2.2: SEPTIC TANK DETAILED ESTIMATE

Size 15'x5'x6'

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chan/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|--------|----------|----------------|-------------|
| 7 | | (a) (ii) Reinforced cement concrete in retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast in situ (Formwork on both sides) , complete in all respects | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 155.93 | | |
| 8 | | (a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining wal ls; etc and other structural members other than those mentioned in 5(a)(i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 56.25 | | |
| 9 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and steel chairs, etc. complete in all respect. and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also Includes removal of rust from bars):- (c) Deformed bars (Grade-60) | 100 Kg | 3.40 | | |
| 10 | 19/47 | Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS4514 / BS5255 - EN 1329 including thecost of specials and Solvents complete in all respects, as per drawings& specifications and / or as approved and directed by the Engineer Incharge. | | | | |
| | | (vi) 160 mm | P.Rft | 10.00 | | |
| 11 | 23/15 | Providing, laying, testing and commissioning μ -PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials completeas approved and directed by the Engineer Incharge.b) Class-E | | | | |
| | | (vii) 3" | | | | |
| | | | P.Rft | 5.00 | | |
| 12 | 19/49 | Vent Cowel | | | | |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

| Bill 2.2: SEPTIC TANK DETAILED ESTIMATE | | | | Size 15'x5'x6' | | |
|---|---------------------------------------|--|---------|----------------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chan/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | (ii) 3" dia | Each | 1.00 | | |
| 13 | NS | Providing and fixing RPC Manhole Cover Manufactured with 100% Recycled Plastic Composite Material, 650 mm (26"dia) with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (31.1") with average breaking load capacity of 10 Ton and weight including frame of 50 kg (Minimum). | Each | 2.00 | | |
| 14 | 6/31 | Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects. | Rft | 40.00 | | |
| 15 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. Lead from approved nearby quarry | 100 Cft | 2.37 | | |
| | | | | | Total Rs. | - |

PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II, (PHASE-1)

LANGERWAH AND SUNDER, TEHSIL ALI PUR

| Bill 2.2 SEPTIC TANK DETAILED ESTIMATE | | | | Size 21'x7'x6' | | |
|--|------------------------------------|---|-----------|----------------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chan/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | CIVIL WORKS | | | | |
| 1 | 3/21 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) | | | | |
| | | 2) a) By Excavator | | | | |
| | | ii) Ordinary soil | 1000Cft | 1.15 | | |
| | | b) Lift from 5ft (1.5m) to 15 ft (4.5 m):- | | | | |
| | | ii) Ordinary soil | 1000Cft | 0.98 | | |
| 2 | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) (Transportation will be paid as per actual lead chart to be approved by the Engineer) | | | | |
| | | a) upto ¼ mile (400 m). | 1000 Cft. | 2.12 | | |
| 3 | 13/9 | Bitumen coating to plastered or cement | | | | |
| | | i) 20 lbs. per 100 Sft. (9.07 Kg per Sq.m) | 100 Sft | 3.36 | | |
| 4 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100Cft | 0.76 | | |
| 5 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 | 100 Cft. | 0.76 | | |
| 6 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 72.83 | | |

PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II, (PHASE-1)

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill 2.2 SEPTIC TANK DETAILED ESTIMATE

Size 21'x7'x6'

| Sr. No. | MRS 2nd Bi-Annual 2025 (Char/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|--------|----------|----------------|-------------|
| 7 | | (a) (ii) Reinforced cement concrete in retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast in situ (Formwork on both sides) , complete in all respects | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 242.52 | | |
| 8 | | (a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining wal ls; etc and other structural members other than those mentioned in 5(a)(i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 109.25 | | |
| 9 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and steel chairs, etc. complete in all respect. and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also Includes removal of rust from bars):- (c) Deformed bars (Grade-60) | 100 Kg | 5.78 | | |
| 10 | 19/47 | Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS4514 / BS5255 - EN 1329 including thecost of specials and Solvents complete in all respects, as per drawings& specifications and / or as approved and directed by the Engineer Incharge. | | | | |
| | | (vi) 160 mm | P.Rft | 10.00 | | |
| 11 | 23/15 | Providing, laying, testing and commissioning μ -PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials completeas approved and directed by the Engineer Incharge.b) Class-E | | | | |
| | | (vii) 3" | | | | |
| | | | P.Rft | 5.00 | | |
| 12 | 19/49 | Vent Cowel | | | | |
| | | (ii) 3" dia | Each | 1.00 | | |

PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II, (PHASE-1)

LANGERWAH AND SUNDER, TEHSIL ALI PUR

| Bill 2.2 SEPTIC TANK DETAILED ESTIMATE | | | | Size 21'x7'x6' | | |
|--|---------------------------------------|--|---------|----------------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chan/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| 13 | NS | Providing and fixing RPC Manhole Cover Manufactured with 100% Recycled Plastic Composite Material, 650 mm (26"dia) with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (31.1") with average breaking load capacity of 10 Ton and weight including frame of 50 kg (Minimum). | Each | 2.00 | | |
| 14 | 6/31 | Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects. | Rft | 56.00 | | |
| 15 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. Lead from approved nearby quarry | 100 Cft | 4.28 | | |
| | | | | | Total Rs. | - |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

| Bill 2.2 SEPTIC TANK DETAILED ESTIMATE | | | | Size 26'x9'x8' | | |
|--|------------------------------------|---|-----------|----------------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | CIVIL WORKS | | | | |
| 1 | 3/21 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) | | | | |
| | | 2) a) By Excavator | | | | |
| | | ii) Ordinary soil | 1000Cft | 1.95 | | |
| | | b) Lift from 5ft (1.5m) to 15 ft (4.5 m):- | | | | |
| | | ii) Ordinary soil | 1000Cft | 2.20 | | |
| 2 | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) (Transportation will be paid as per actual lead chart to be approved by the Engineer) | | | | |
| | | a) upto ¼ mile (400 m). | 1000 Cft. | 4.15 | | |
| 3 | 13/9 | Bitumen coating to plastered or cement | | | | |
| | | i) 20 lbs. per 100 Sft. (9.07 Kg per Sq.m) | 100 Sft | 5.60 | | |
| 4 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100Cft | 1.29 | | |
| 5 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 | 100 Cft. | 0.85 | | |
| 6 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 117.00 | | |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill 2.2 SEPTIC TANK DETAILED ESTIMATE

Size 26'x9'x8'

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|--------|----------|----------------|-------------|
| 7 | | (a) (ii) Reinforced cement concrete in retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast in situ (Formwork on both sides) , complete in all respects | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 416.96 | | |
| 8 | | (a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining wal ls; etc and other structural members other than those mentioned in 5(a)(i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 193.15 | | |
| 9 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and steel chairs, etc. complete in all respect. and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also Includes removal of rust from bars):- (c) Deformed bars (Grade-60) | 100 Kg | 9.90 | | |
| 10 | 19/47 | Providing, fixing, testing and commissioning of µ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS4514 / BS5255 - EN 1329 including thecost of specials and Solvents complete in all respects, as per drawings& specifications and / or as approved and directed by the Engineer Incharge. | | | | |
| | | (vi) 160 mm | P.Rft | 10.00 | | |
| 11 | 23/15 | Providing, laying, testing and commissioning µ-PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials completeas approved and directed by the Engineer Incharge.b) Class-E | | | | |
| | | (vii) 3" | | | | |
| | | | P.Rft | 5.00 | | |
| 12 | 19/49 | Vent Cowel | | | | |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

| Bill 2.2 SEPTIC TANK DETAILED ESTIMATE | | | | Size 26'x9'x8' | | |
|---|---|--|-------------|-----------------------|-----------------------|--------------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | (ii) 3" dia | Each | 1.00 | | |
| 13 | NS | Providing and fixing RPC Manhole Cover Manufactured with 100% Recycled Plastic Composite Material, 650 mm (26"dia) with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (31.1") with average breaking load capacity of 10 Ton and weight including frame of 50 kg (Minimum). | Each | 2.00 | | |
| 14 | 6/31 | Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects. | Rft | 40.00 | | |
| 15 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. Lead from approved nearby quarry | 100 Cft | 6.91 | | |
| | | | | | Total Rs. | - |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill 2.2 SEPTIC TANK DETAILED ESTIMATE

Size 26'x10'x8'

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chan/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|-----------|----------|----------------|-------------|
| | | CIVIL WORKS | | | | |
| 1 | 3/21 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) | | | | |
| | | 2) a) By Excavator | | | | |
| | | ii) Ordinary soil | 1000Cft | 2.10 | | |
| | | b) Lift from 5ft (1.5m) to 15 ft (4.5 m):- | | | | |
| | | ii) Ordinary soil | 1000Cft | 2.36 | | |
| 2 | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) (Transportation will be paid as per actual lead chart to be approved by the Engineer) | | | | |
| | | a) upto ¼ mile (400 m). | 1000 Cft. | 4.46 | | |
| 3 | 13/9 | Bitumen coating to plastered or cement | | | | |
| | | i) 20 lbs. per 100 Sft. (9.07 Kg per Sq.m) | 100 Sft | 5.76 | | |
| 4 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100Cft | 1.39 | | |
| 5 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 | 100 Cft. | 0.85 | | |
| 6 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 117.00 | | |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill 2.2 SEPTIC TANK DETAILED ESTIMATE

Size 26'x10'x8'

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chan/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|--------|----------|----------------|-------------|
| 7 | | (a) (ii) Reinforced cement concrete in retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast in situ (Formwork on both sides) , complete in all respects | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 416.96 | | |
| 8 | | (a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining wal ls; etc and other structural members other than those mentioned in 5(a)(i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 193.15 | | |
| 9 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and steel chairs, etc. complete in all respect. and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also Includes removal of rust from bars):- (c) Deformed bars (Grade-60) | 100 Kg | 9.90 | | |
| 10 | 19/47 | Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS4514 / BS5255 - EN 1329 including thecost of specials and Solvents complete in all respects, as per drawings& specifications and / or as approved and directed by the Engineer Incharge. | | | | |
| | | (vi) 160 mm | P.Rft | 10.00 | | |
| 11 | 23/15 | Providing, laying, testing and commissioning μ-PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials completeas approved and directed by the Engineer Incharge.b) Class-E | | | | |
| | | (vii) 3" | | | | |
| | | | P.Rft | 5.00 | | |
| 12 | 19/49 | Vent Cowel | | | | |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

| Bill 2.2 SEPTIC TANK DETAILED ESTIMATE | | | Size 26'x10'x8' | | | |
|--|---------------------------------------|--|-----------------|----------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chan/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | (ii) 3" dia | Each | 1.00 | | |
| 13 | NS | Providing and fixing RPC Manhole Cover Manufactured with 100% Recycled Plastic Composite Material, 650 mm (26"dia) with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (31.1") with average breaking load capacity of 10 Ton and weight including frame of 50 kg (Minimum). | Each | 2.00 | | |
| 14 | 6/31 | Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects. | Rft | 40.00 | | |
| 15 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. Lead from approved nearby quarry | 100 Cft | 6.91 | | |
| | | | | | Total Rs. | - |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill 2.2 SEPTIC TANK DETAILED ESTIMATE

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|-----------|----------|----------------|-------------|
| | | CIVIL WORKS | | | | |
| 1 | 3/21 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) | | | | |
| | | 2) a) By Excavator | | | | |
| | | ii) Ordinary soil | 1000Cft | 2.31 | | |
| | | b) Lift from 5ft (1.5m) to 15 ft (4.5 m):- | | | | |
| | | ii) Ordinary soil | 1000Cft | 3.53 | | |
| 2 | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) (Transportation will be paid as per actual lead chart to be approved by the Engineer) | | | | |
| | | a) upto ¼ mile (400 m). | 1000 Cft. | 5.84 | | |
| 3 | 13/9 | Bitumen coating to plastered or cement | | | | |
| | | i) 20 lbs. per 100 Sft. (9.07 Kg per Sq.m) | 100 Sft | 7.80 | | |
| 4 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100Cft | 1.52 | | |
| 5 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 | 100 Cft. | 1.04 | | |
| 6 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 145.00 | | |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill 2.2 SEPTIC TANK DETAILED ESTIMATE

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|--------|----------|----------------|-------------|
| 7 | | (a) (ii) Reinforced cement concrete in retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast in situ (Formwork on both sides) , complete in all respects | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 696.72 | | |
| 8 | | (a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining wal ls; etc and other structural members other than those mentioned in 5(a)(i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 237.13 | | |
| 9 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and steel chairs, etc. complete in all respect. and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also Includes removal of rust from bars):- (c) Deformed bars (Grade-60) | 100 Kg | 19.59 | | |
| 10 | 19/47 | Providing, fixing, testing and commissioning of µ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS4514 / BS5255 - EN 1329 including thecost of specials and Solvents complete in all respects, as per drawings& specifications and / or as approved and directed by the Engineer Incharge. | | | | |
| | | (vi) 160 mm | P.Rft | 10.00 | | |
| 11 | 23/15 | Providing, laying, testing and commissioning µ-PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials completeas approved and directed by the Engineer Incharge.b) Class-E | | | | |
| | | (vii) 3" | | | | |
| | | | P.Rft | 5.00 | | |
| 12 | 19/49 | Vent Cowel | | | | |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill 2.2 SEPTIC TANK DETAILED ESTIMATE

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|---------|----------|----------------|-------------|
| | | (ii) 3" dia | Each | 1.00 | | |
| 13 | NS | Providing and fixing RPC Manhole Cover Manufactured with 100% Recycled Plastic Composite Material, 650 mm (26"dia) with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (31.1") with average breaking load capacity of 10 Ton and weight including frame of 50 kg (Minimum). | Each | 2.00 | | |
| 14 | 6/31 | Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects. | Rft | 78.00 | | |
| 15 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. Lead from approved nearby quarry | 100 Cft | 10.05 | | |
| | | | | | Total Rs. | - |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

| Bill 2.2 SEPTIC TANK DETAILED ESTIMATE | | | | Size 31'x10'x10' | | |
|--|------------------------------------|---|-----------|------------------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | CIVIL WORKS | | | | |
| 1 | 3/21 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) | | | | |
| | | 2) a) By Excavator | | | | |
| | | ii) Ordinary soil | 1000Cft | 2.45 | | |
| | | b) Lift from 5ft (1.5m) to 15 ft (4.5 m):- | | | | |
| | | ii) Ordinary soil | 1000Cft | 3.74 | | |
| 2 | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) (Transportation will be paid as per actual lead chart to be approved by the Engineer) | | | | |
| | | a) upto ¼ mile (400 m). | 1000 Cft. | 6.19 | | |
| 3 | 13/9 | Bitumen coating to plastered or cement | | | | |
| | | i) 20 lbs. per 100 Sft. (9.07 Kg per Sq.m) | 100 Sft | 8.20 | | |
| 4 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100Cft | 1.62 | | |
| 5 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 | 100 Cft. | 1.11 | | |
| 6 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 155.00 | | |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill 2.2 SEPTIC TANK DETAILED ESTIMATE

Size 31'x10'x10'

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|--------|----------|----------------|-------------|
| 7 | | (a) (ii) Reinforced cement concrete in retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast in situ (Formwork on both sides) , complete in all respects | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 728.88 | | |
| 8 | | (a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining wal ls; etc and other structural members other than those mentioned in 5(a)(i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 253.12 | | |
| 9 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and steel chairs, etc. complete in all respect. and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also Includes removal of rust from bars):- (c) Deformed bars (Grade-60) | 100 Kg | 20.65 | | |
| 10 | 19/47 | Providing, fixing, testing and commissioning of µ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS4514 / BS5255 - EN 1329 including thecost of specials and Solvents complete in all respects, as per drawings& specifications and / or as approved and directed by the Engineer Incharge. | | | | |
| | | (vi) 160 mm | P.Rft | 10.00 | | |
| 11 | 23/15 | Providing, laying, testing and commissioning µ-PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials completeas approved and directed by the Engineer Incharge.b) Class-E | | | | |
| | | (vii) 3" | P.Rft | 5.00 | | |
| 12 | 19/49 | Vent Cowel | | | | |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill 2.2 SEPTIC TANK DETAILED ESTIMATE

Size 31'x10'x10'

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|---------|----------|----------------|-------------|
| | | (ii) 3" dia | Each | 1.00 | | |
| 13 | NS | Providing and fixing RPC Manhole Cover Manufactured with 100% Recycled Plastic Composite Material, 650 mm (26"dia) with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (31.1") with average breaking load capacity of 10 Ton and weight including frame of 50 kg (Minimum). | Each | 2.00 | | |
| 14 | 6/31 | Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects. | Rft | 82.00 | | |
| 15 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. Lead from approved nearby quarry | 100 Cft | 10.61 | | |
| | | | | | Total Rs. | - |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

| Bill 2.2 SEPTIC TANK DETAILED ESTIMATE | | | | | Size 30'x10'x12' | |
|--|------------------------------------|---|-----------|----------|------------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | CIVIL WORKS | | | | |
| 1 | 3/21 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) | | | | |
| | | 2) a) By Excavator | | | | |
| | | ii) Ordinary soil | 1000 Cft. | 2.38 | | |
| | | b) Lift from 5ft (1.5m) to 15 ft (4.5 m):- | | | | |
| | | ii) Ordinary soil | 1000 Cft. | 4.58 | | |
| 2 | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) (Transportation will be paid as per actual lead chart to be approved by the Engineer) | | | | |
| | | a) upto ¼ mile (400 m). | 1000 Cft. | 2.38 | | |
| 3 | 13/9 | Bitumen coating to plastered or cement | | | | |
| | | i) 20 lbs. per 100 Sft. (9.07 Kg per Sq.m) | 100 Sft | 9.60 | | |
| 4 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100Cft | 1.57 | | |
| 5 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 | 100 Cft. | 1.08 | | |
| 6 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

| Bill 2.2 SEPTIC TANK DETAILED ESTIMATE | | | | Size 30'x10'x12' | | |
|--|------------------------------------|---|--------|------------------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 150.00 | | |
| 7 | | (a) (ii) Reinforced cement concrete in retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast in situ (Formwork on both sides) , complete in all respects | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 712.80 | | |
| 8 | | (a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining wal ls; etc and other structural members other than those mentioned in 5(a)(i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 268.12 | | |
| 9 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and steel chairs, etc. complete in all respect. and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also Includes removal of rust from bars):- (c) Deformed bars (Grade-60) | 100 Kg | 20.54 | | |
| 10 | 19/47 | Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS4514 / BS5255 - EN 1329 including thecost of specials and Solvents complete in all respects, as per drawings& specifications and / or as approved and directed by the Engineer Incharge. | | | | |
| | | (vi) 160 mm | P.Rft | 10.00 | | |
| 11 | 23/15 | Providing, laying, testing and commissioning μ-PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials completeas approved and directed by the Engineer Incharge.b) Class-E | | | | |
| | | (vii) 3" | P.Rft | 5.00 | | |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill 2.2 SEPTIC TANK DETAILED ESTIMATE

Size 30'x10'x12'

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|---------|----------|----------------|-------------|
| 12 | 19/49 | Vent Cowel | | | | |
| | | (ii) 3" dia | Each | 1.00 | | |
| 13 | NS | Providing and fixing RPC Manhole Cover Manufactured with 100% Recycled Plastic Composite Material, 650 mm (26"dia) with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (31.1") with average breaking load capacity of 10 Ton and weight including frame of 50 kg (Minimum). | Each | 2.00 | | |
| 14 | 6/31 | Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects. | Rft | 80.00 | | |
| 15 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. Lead from approved nearby quarry | 100 Cft | 10.52 | | |
| | | | | | Total Rs. | - |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

| Bill 2.2 SEPTIC TANK DETAILED ESTIMATE | | | | | Size 34'x11'x12' | |
|--|------------------------------------|---|-----------|----------|------------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | CIVIL WORKS | | | | |
| 1 | 3/21 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) | | | | |
| | | 2) a) By Excavator | | | | |
| | | ii) Ordinary soil | 1000 Cft. | 2.85 | | |
| | | b) Lift from 5ft (1.5m) to 15 ft (4.5 m):- | | | | |
| | | ii) Ordinary soil | 1000 Cft. | 8.34 | | |
| 2 | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) (Transportation will be paid as per actual lead chart to be approved by the Engineer) | | | | |
| | | a) upto ¼ mile (400 m). | 1000 Cft. | 11.19 | | |
| 3 | 13/9 | Bitumen coating to plastered or cement | | | | |
| | | i) 20 lbs. per 100 Sft. (9.07 Kg per Sq.m) | 100 Sft | 10.32 | | |
| 4 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100Cft | 1.88 | | |
| 5 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 | 100 Cft. | 1.33 | | |
| 6 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill 2.2 SEPTIC TANK DETAILED ESTIMATE

Size 34'x11'x12'

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|--------|----------|----------------|-------------|
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 187.00 | | |
| 7 | | (a) (ii) Reinforced cement concrete in retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast in situ (Formwork on both sides) , complete in all respects | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 768.00 | | |
| 8 | | (a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining wal ls; etc and other structural members other than those mentioned in 5(a)(i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 303.10 | | |
| 9 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and steel chairs, etc. complete in all respect. and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also Includes removal of rust from bars):- (c) Deformed bars (Grade-60) | 100 Kg | 22.85 | | |
| 10 | 19/47 | Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS4514 / BS5255 - EN 1329 including thecost of specials and Solvents complete in all respects, as per drawings& specifications and / or as approved and directed by the Engineer Incharge. | | | | |
| | | (vi) 160 mm | P.Rft | 10.00 | | |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill 2.2 SEPTIC TANK DETAILED ESTIMATE

Size 34'x11'x12'

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|---------|----------|----------------|-------------|
| 11 | 23/15 | Providing, laying, testing and commissioning μ -PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials complete as approved and directed by the Engineer Incharge. b) Class-E | | | | |
| | | (vii) 3" | | | | |
| | | | P.Rft | 5.00 | | |
| 12 | 19/49 | Vent Cowel | | | | |
| | | (ii) 3" dia | Each | 1.00 | | |
| 13 | NS | Providing and fixing RPC Manhole Cover Manufactured with 100% Recycled Plastic Composite Material, 650 mm (26" dia) with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (31.1") with average breaking load capacity of 10 Ton and weight including frame of 50 kg (Minimum). | Each | 2.00 | | |
| 14 | 6/31 | Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects. | Rft | 86.00 | | |
| 15 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. Lead from approved nearby quarry | 100 Cft | 11.83 | | |
| | | | | | | |
| | | | | | Total Rs. | - |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

| Bill 2.2 SEPTIC TANK DETAILED ESTIMATE | | | | | Size 37'x12'x12' | |
|--|------------------------------------|---|-----------|----------|------------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | CIVIL WORKS | | | | |
| 1 | 3/21 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) | | | | |
| | | 2) a) By Excavator | | | | |
| | | ii) Ordinary soil | 1000 Cft. | 3.28 | | |
| | | b) Lift from 5ft (1.5m) to 15 ft (4.5 m):- | | | | |
| | | ii) Ordinary soil | 1000 Cft. | 6.32 | | |
| | | | | | | |
| 2 | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) (Transportation will be paid as per actual lead chart to be approved by the Engineer) | | | | |
| | | a) upto ¼ mile (400 m). | 1000 Cft. | 9.60 | | |
| | | | | | | |
| 3 | 13/9 | Bitumen coating to plastered or cement | | | | |
| | | i) 20 lbs. per 100 Sft. (9.07 Kg per Sq.m) | 100 Sft | 10.32 | | |
| | | | | | | |
| 4 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100Cft | 2.16 | | |
| | | | | | | |
| 5 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 | 100 Cft. | 1.26 | | |
| | | | | | | |
| 6 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

| Bill 2.2 SEPTIC TANK DETAILED ESTIMATE | | | | | Size 37'x12'x12' | |
|--|------------------------------------|---|--------|----------|------------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 222.00 | | |
| 7 | | (a) (ii) Reinforced cement concrete in retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast in situ (Formwork on both sides) , complete in all respects | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 780.67 | | |
| 8 | | (a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining wal ls; etc and other structural members other than those mentioned in 5(a)(i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 357.58 | | |
| 9 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and steel chairs, etc. complete in all respect. and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also Includes removal of rust from bars):- (c) Deformed bars (Grade-60) | 100 Kg | 24.70 | | |
| 10 | 19/47 | Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS4514 / BS5255 - EN 1329 including thecost of specials and Solvents complete in all respects, as per drawings& specifications and / or as approved and directed by the Engineer Incharge. | | | | |
| | | (vi) 160 mm | P.Rft | 10.00 | | |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill 2.2 SEPTIC TANK DETAILED ESTIMATE

Size 37'x12'x12'

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|---------|----------|----------------|-------------|
| 11 | 23/15 | Providing, laying, testing and commissioning μ -PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials complete as approved and directed by the Engineer Incharge. b) Class-E | | | | |
| | | (vii) 3" | | | | |
| | | | P.Rft | 5.00 | | |
| 12 | 19/49 | Vent Cowel | | | | |
| | | (ii) 3" dia | Each | 1.00 | | |
| 13 | NS | Providing and fixing RPC Manhole Cover Manufactured with 100% Recycled Plastic Composite Material, 650 mm (26" dia) with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (31.1") with average breaking load capacity of 10 Ton and weight including frame of 50 kg (Minimum). | Each | 2.00 | | |
| 14 | 6/31 | Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects. | Rft | 86.00 | | |
| 15 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. Lead from approved nearby quarry | 100 Cft | 12.62 | | |
| | | | | | | |
| | | | | | Total Rs. | - |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill 2.2 SEPTIC TANK DETAILED ESTIMATE

Size 38'x13'x12'

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|-----------|----------|----------------|-------------|
| | | CIVIL WORKS | | | | |
| 1 | 3/21 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) | | | | |
| | | 2) a) By Excavator | | | | |
| | | ii) Ordinary soil | 1000 Cft. | 3.57 | | |
| | | b) Lift from 5ft (1.5m) to 15 ft (4.5 m):- | | | | |
| | | ii) Ordinary soil | 1000 Cft. | 6.88 | | |
| 2 | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) (Transportation will be paid as per actual lead chart to be approved by the Engineer) | | | | |
| | | a) upto ¼ mile (400 m). | 1000 Cft. | 10.45 | | |
| 3 | 13/9 | Bitumen coating to plastered or cement | | | | |
| | | i) 20 lbs. per 100 Sft. (9.07 Kg per Sq.m) | 100 Sft | 10.32 | | |
| 4 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100Cft | 2.36 | | |
| 5 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 | 100 Cft. | 1.74 | | |
| 6 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill 2.2 SEPTIC TANK DETAILED ESTIMATE

Size 38'x13'x12'

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|--------|----------|----------------|-------------|
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 247.00 | | |
| 7 | | (a) (ii) Reinforced cement concrete in retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast in situ (Formwork on both sides) , complete in all respects | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 903.60 | | |
| 8 | | (a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining wal ls; etc and other structural members other than those mentioned in 5(a)(i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 396.07 | | |
| 9 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and steel chairs, etc. complete in all respect. and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also Includes removal of rust from bars):- (c) Deformed bars (Grade-60) | 100 Kg | 28.09 | | |
| 10 | 19/47 | Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS4514 / BS5255 - EN 1329 including thecost of specials and Solvents complete in all respects, as per drawings& specifications and / or as approved and directed by the Engineer Incharge. | | | | |
| | | (vi) 160 mm | P.Rft | 10.00 | | |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II,
(PHASE-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

| Bill 2.2 SEPTIC TANK DETAILED ESTIMATE | | | | | Size 38'x13'x12' | |
|--|------------------------------------|--|---------|----------|------------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| 11 | 23/15 | Providing, laying, testing and commissioning μ -PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials complete as approved and directed by the Engineer Incharge. b) Class-E | | | | |
| | | (vii) 3" | | | | |
| | | | P.Rft | 5.00 | | |
| 12 | 19/49 | Vent Cowel | | | | |
| | | (ii) 3" dia | Each | 1.00 | | |
| 13 | NS | Providing and fixing RPC Manhole Cover Manufactured with 100% Recycled Plastic Composite Material, 650 mm (26" dia) with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (31.1") with average breaking load capacity of 10 Ton and weight including frame of 50 kg (Minimum). | Each | 2.00 | | |
| 14 | 6/31 | Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects. | Rft | 86.00 | | |
| 15 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. Lead from approved nearby quarry | 100 Cft | 14.64 | | |
| | | | | | Total Rs. | - |

PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II, (PHASE-1)

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill No. 4: Brick Solling Detailed Estimate

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Sunder | Total Quantity | Unit Rate (Rs) | Amount (Rs) |
|-----------|------------------------------------|--|-----------|----------|--------|----------------|----------------|-------------|
| 1 | 3/21 | b) Dressing of earthwork (done by machinery or otherwise i) Ordinary | 1000 Cft. | 184.80 | 120.86 | 305.66 | | |
| 2 | 18/20 | Providing and laying dry brick pavement/soling in streets or roads, etc. sand grouted, laid in proper camber, including preparation, watering, compaction of bed to proper camber, and sand cushion. | 100 Cft. | 787.50 | 562.52 | 1,350.02 | | |
| Total Rs. | | | | | | | | 0 |

PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II, (PHASE-1)

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill No. 5: SOAKAGE PIT DETAILED ESTIMATE

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Langerwah | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|-----------|-----------|----------------|-------------|
| 1 | 22/1 | Excavation of well in dry upto 20'(6 metre) below ground level, and disposal of soil within one chain (30 metre) | | | | |
| | | a) in ordinary soil or sand : | | | | |
| | | i) f rom 0' to 5' (o to 1.5 m) depth | 1000 Cft. | 0.14 | | |
| | | ii) f rom 5.1' to 10' (1.5 to 3.0 metre) depth | 1000 Cft. | 0.14 | | |
| | | iii) f rom 10.1' to 15' (3.0 to 4.5 metre) depth | 1000 Cft. | 0.11 | | |
| 2 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate) | | | | |
| | | (f) Ratio 1: 2: 4 | 1000 Cft. | 0.05 | | |
| 3 | 7/4 | Pacca brick work in f oundation and plinth in:- | | | | |
| | | i) Cement, sand mortar:- | 100 Cft. | 0.57 | | |
| | | Ratio 1:3 | | | | |
| 4 | 7/10 | Extra f or pacca brick work in steining of wells or any other circular masonry. | 100 Cft. | 0.57 | | |
| | | As Item of Brick Work | | | | |
| 5 | 7/18 | Perforated pacca brick walling half brick thick, in ground floors:- | | | | |
| | | i) Cement, sand mortar:- | | | | |
| | | Ratio 1:3 | 100 Sft. | 1.89 | | |
| 6 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100 Cft. | 4.07 | | |
| 7 | 6/5 | Providing and laying base course of crushed stone aggregate of approved quality and grade, and supply and spreading of stone screening, including placing, mixing, spreadi ng and compacti on of base course materi al to required depth, camber and grade to achieve 100% maximum modified AASHO dry density, including carri age of al l materi al s to si te of work except gravel and. aggregate. | | | | |
| | | Gravels Size 4" for Soakage Pit | 100Cft | 2.55 | | |

PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II, (PHASE-1)

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill No. 5: SOAKAGE PIT DETAILED ESTIMATE

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Langerwah | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|----------|-----------|-----------------|-------------|
| 8 | 6/6 (a)(ii, i) | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- Provisional Qty | | | | |
| | | (3) Type C (nominal mix 1: 2: 4) | Per Cft | 9.33 | | |
| 9 | 6/12 (c) | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- | 100Kg | 2.00 | | |
| 10 | | Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with `B' Class working pressure pipe, in trenches, complete in all respects:- | | | | |
| | | 6" i/d (150 mm) | Rft | 10.00 | | |
| 11 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. (crushed stone aggregate and bajri used in concrete items) | 100 Cft. | 2.67 | | |
| 12 | 3/13 | Rehandling of earthwork: a) Lead upto a single throw of Kassi, phaorah or shovel | 1000Cft | 0.40 | | |
| | | | | | Total Rs. | 0 |
| | | | | | Required No's | 10 |
| | | | | | Grand Total Rs. | - |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP),
CLUSTER SOUTH-II, (PHASE-1)**

SUNDER, TEHSIL ALI PUR

Bill No. 5: SOAKAGE PIT DETAILED ESTIMATE

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|-----------|----------|----------------|-------------|
| 1 | 22/1 | Excavation of well in dry upto 20'(6 metre) below ground level, and disposal of soil within one chain (30 metre) | | | | |
| | | a) in ordinary soil or sand : | | | | |
| | | i) from 0' to 5' (0 to 1.5 m) depth | 1000 Cft. | 0.25 | | |
| | | ii) from 5.1' to 10' (1.5 to 3.0 metre) depth | 1000 Cft. | 0.25 | | |
| | | iii) from 10.1' to 15' (3.0 to 4.5 metre) depth | 1000 Cft. | 0.20 | | |
| 2 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate) | | | | |
| | | (f) Ratio 1: 2: 4 | 1000 Cft. | 0.06 | | |
| 3 | 7/4 | Pacca brick work in foundation and plinth in:- | | | | |
| | | i) Cement, sand mortar:- | 100 Cft. | 2.14 | | |
| | | Ratio 1:3 | | | | |
| | 7/7 | Pacca brick work other than building upto 10ft. (3 m) height. 1:3 | | | | |
| 4 | 7/10 | Extra for pacca brick work in steining of wells or any other circular masonry. | 100 Cft. | 2.14 | | |
| | | As Item of Brick Work | | | | |
| 5 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100 Cft. | 0.50 | | |
| 6 | 6/5 | Providing and laying base course of crushed stone aggregate of approved quality and grade, and supply and spreading of stone screening, including placing, mixing, spreading and compacting of base course material to required depth, camber and grade to achieve 100% maximum modified AASHO dry density, including carriage of all materials to site of work except gravel and aggregate. | | | | |
| | | Gravels Size 4" for Soakage Pit | 100Cft | 4.53 | | |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP),
CLUSTER SOUTH-II, (PHASE-1)**

SUNDER, TEHSIL ALI PUR

Bill No. 5: SOAKAGE PIT DETAILED ESTIMATE

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|---------|----------|----------------|-------------|
| 7 | 6/6 (a)(ii, i) | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- Provisional Qty | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Per Cft | 23.40 | | |
| 8 | 6/12 (c) | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and steel chairs, etc. complete in all respect. and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also Includes removal of rust from bars):- | | | | |
| | | (c) Deformed bars (Grade-60) | 100Kg | 2.00 | | |
| | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100 Cft | 0.50 | | |
| 9 | | Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with `B' Class working pressure pipe, in trenches, complete in all respects:- | | | | |
| | | 6" i/d (150 mm) | Rft | 10.00 | | |

**PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP),
CLUSTER SOUTH-II, (PHASE-1)**

SUNDER, TEHSIL ALI PUR

Bill No. 5: SOAKAGE PIT DETAILED ESTIMATE

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|----------|----------|-----------------|-------------|
| 10 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. (crushed stone aggregate and bajri used in concrete items) | 100 Cft. | 4.79 | | |
| 11 | 3/13 | Rehandling of earthwork: a) Lead upto a single throw of Kassi, phaorah or shovel | 1000Cft | 0.40 | | |
| | | | | | Total Rs. | 0 |
| | | | | | Required No's | 3 |
| | | | | | Grand Total Rs. | - |

PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II, (PHASE-1)

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill No. 3: ESMP Cost

| Sr. No. | Item Description | ISO / Standard Code / Description | Unit | Unit Rate (Rs) | Quantity (Per Village) | Amount (Rs) |
|--|---|---|------|----------------|------------------------|-------------|
| Personal Protective Equipments | | | | | | |
| 1 | Safety Jackets | EN ISO 20471: 360 degree visibility Fluorescent yellow/orange; retro-reflective strips; breathable mesh fabric; secure Velcro or zipper closure, provided in appropriate sizes are required by Staff, PRMSC name and logo printed | Each | | 30.00 | |
| 2 | Safety Helmets | EN-397 High-density polyethylene (HDPE) or ABS plastic; adjustable screw harness; Adjustable headbands, chin straps, and non-allergic sweatbands. color-coded (white for engineers, yellow for workers) PRMSC Brading and LOGO PRINTED with sr number mentioned on each helmet for ease of record keeping | Each | | 30.00 | |
| 3 | Safety Gloves | EN 388 : Nitrile-coated or leather palm; abrasion and cut-resistant; breathable back; conforms to EN388 safety ratings | Each | | 50.00 | |
| 4 | Dust Mask (Dust proof mask) | ISO 16975: Disposable N95 or FFP2 class mask; elastic bands; nose clip for sealing; replace after use | Each | | 100.00 | |
| 5 | Safety Shoes & Toes | EN ISO 20345, requiring a toe cap to withstand a minimum 200-joule impact and 15 kilonewtons (kN) of compression Steel toe cap; anti-slip, oil-resistant sole; leather upper; ankle support for shoes only | Each | | 35.00 | |
| 6 | Safety Harness Belt | ISO 10333: High-tenacity polyester webbing, minimum width 45mm; adjustable shoulder and thigh straps with metal buckles; dorsal D-ring for fall arrest, side D-rings for positioning; and chest strap with quick-connect buckle; Renowned Brand | Each | | 3.00 | |
| 7 | Protective Goggles | ISO 16321: Anti-fog, scratch-resistant; side shielding for wrap-around protection; adjustable strap | Each | | 10.00 | |
| 8 | Ear Plugs | ISO 4869-1: Soft polyurethane foam; noise reduction rating (NRR) of 30 dB or more | Each | | 20.00 | |
| Health Safety Environment Materials / Testing | | | | | | |
| 9 | First Aid Kit | ISO 7010-E003: Painkiller, eyewash solution, antibiotic ointment, thermometer, plasters, sterile gauze, dressings, sterile eye dressings, triangular bandages, crepe rolled bandages, safety pins, disposable sterile gloves and tweezers), pain killers, burn creams, pyodine solution (big bottle), other medication as required by tehsil team is adequate size and quantity | Each | | 1.00 | |
| 10 | Warning / Safety Signs | ISO 7010: Weatherproof PVC or Plastic or aluminum signs; reflective print; standardized colors and pictograms (danger, caution, mandatory) | Each | | 25.00 | |
| 11 | Green Mesh | Green safety netting for site periphery; 50% shading; UV-stabilized HDPE material. | S.ft | | 200.00 | |
| 12 | DCP Fire Extinguisher (Dry Chemical Powder) | ISO 7165: 6-kg; ABC type; The extinguishing agent is mono ammonium phosphate and ammonium sulphate powder and the discharge time of the agent is 13 second | No. | | 1.00 | |
| 13 | CO ₂ Fire Extinguisher | ISO 7165: 5 kg; frost-free horn; suitable for electrical and liquid fires; discharge time of the agent in 13 second) | No. | | 1.00 | |

PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II, (PHASE-1)

LANGERWAH AND SUNDER, TEHSIL ALI PUR

| Bill No. 3: ESMP Cost | | | | | | |
|--|---|--|-----------------------|-----------------------|-------------------------------|--------------------|
| Sr. No. | Item Description | ISO / Standard Code / Description | Unit | Unit Rate (Rs) | Quantity (Per Village) | Amount (Rs) |
| 14 | Fire Alarm | ICS 13.030.10: Proper segregation, PPE for handlers, timely removal, recordkeeping per solid waste rules | No. | | 2.00 | |
| 15 | Trapuline | Waterproof tarpaulin sheet made from polyethylene or canva | Sq.ft | | 30.00 | |
| 16 | Safety Cones | UV-resistant PVC or rubber material; at least 28 to 36 inches in height; high-visibility orange color with reflective collars (minimum 4-inch reflective band) for day and night visibility | | | 12.00 | |
| 17 | Tree Plantation | 5-6 feet height; Native species plantation; soil preparation and watering included | No. | | 100.00 | |
| 18 | Barricading / Fencing (Reflective tape, poles, safety mesh/netting) | ISO 13857: Includes poles, reflective tape, plastic mesh netting; minimum 3 feet height; durable and visible | Rft | | 300.00 | |
| 19 | Trainings | HSE Training, Rescue Training, Labour Code of Conduct, Environmental Code of Conduct, Defensive Driver Trainings, Labour Laws and Labour Rights, GAP Training, C-ESMP Training and anyother as required by E&S wing | Quarterly | | 4.00 | |
| 20 | Water Sprinkling | Water sprinkling through tank mounted on tractor | Per Trip | | 30.00 | |
| 21 | Medical Screening for Workers | CBC, Anti HCV, HBsAG, HIV, RPR, LFTs, RFTs etc. | Persons | | 30.00 | |
| Environmental Testing and Monitoring | | | | | | |
| 22 | Ambient Air Quality Monitoring | As per the parameters and methodology defined by EPA (Quarterly in every village) | Each | | 3.00 | |
| 23 | Groundwater Quality Test | As per the parameters and methodology defined by EPA (Quarterly in every village) | Each | | 3.00 | |
| 24 | Surface Water Quality Test | (As per the parameters and methodology defined by EPA (Quarterly in every village) | Each | | 3.00 | |
| 25 | waste Water Quality Test | (As per the parameters and methodology defined by EPA (Quarterly in every village) | Each | | 3.00 | |
| 26 | Noise Level Monitoring | (As per the parameters and methodology defined by EPA (Quarterly in every village) | Each | | 3.00 | |
| Site Specific / Contractors Environmntal and Social Management Plan | | | | | | |
| 27 | CESMP Formulation | By an individual or firm as approved by PRMSC Environment Wing | per village | | 1.00 | |
| HSE Staff | | | | | | |
| 28 | HSE Supervisor | Bachelor 's degree in Environmental Sciences / Engineering , NEBOSH or IOSH certification will be preffered, with over one year of experience in Occupational Health and Safety, one HSE person for 10-15 village, hiring of HSE staff will be approved by E&S prior to contract signing | Per month per village | | 12.00 | |

PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II, (PHASE-1)

LANGERWAH AND SUNDER, TEHSIL ALI PUR

| Bill No. 3: ESMP Cost | | | | | | |
|---|---|--|--|-----------------------|-------------------------------|--------------------|
| Sr. No. | Item Description | ISO / Standard Code / Description | Unit | Unit Rate (Rs) | Quantity (Per Village) | Amount (Rs) |
| Waste Management and House Keeping | | | | | | |
| 29 | Handling and disposal of Hazardous Material | ICS 13.030.30: Safe storage, labeling, and transportation; spill kits and secondary containment as per MSDS | 3 times per village for duration of contract | | 3.00 | |
| 30 | Handling and disposal of Solid Waste Material | ICS 13.030.10: Proper segregation, PPE for handlers, timely removal, recordkeeping per solid waste rules | 3 times per village for duration of contract | | 3.00 | |
| Total ESMP Implementation Cost (PKR) | | | | | | - |

PUNJAB RURAL SUSTAINABLE WATER SUPPLY & SANITATION PROJECT (PRSWSSP), CLUSTER SOUTH-II, (PHASE-1)

LANGERWAH AND SUNDER, TEHSIL ALI PUR

Bill No.6: Employer Facilities Detailed Estimate

| Sr. No. | Ref. MRS | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|----------------------|-----------------|---|-------------|-----------------|-----------------------|--------------------|
| 1 | | Providing and maintaining site offices (portable air condition (1,5 ton AC) cabin containers lined with win board size 20'x8'x8.5' with toilet & kitchen, all-time availability of water and electricity) for the entire duration of the project to the Employer and the Engineer. It includes office tables, chairs, water dispenser, electric heater, steel almirah for document storage, etc complete with all respect. After completion of the project these containers and all accessories will be the property of PRMSC | Nos | 1.0 | | |
| 2 | | Providing 02 Nos office boy in accordance with the special provisions of the bidding document and up to the satisfaction of the Employer/Engineer. | Per month | 20.0 | | |
| 3 | | Providing and maintaining the Cost of Utility Services (Electricity, Water, Gas, etc.) for the 01 No. office. | Per month | 20.0 | | |
| Total Amount | | | | | | - |
| Required No.s | | | | | | 2 |
| Grand Total | | | | | | - |

**Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP),
Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)**

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

ABSTRACT OF COST

| Bill No. | Description | Amount (Rs.) |
|-------------------------|---|---------------------|
| 1 | WATER SUPPLY SYSTEM | |
| 1.1 | Stand Post with Storage Tanks | |
| 1.2 | Electrification for Water Supply (Electrical) | |
| 1.3 | Precast Boundary Wall for Water Supply | |
| 2 | SEWERAGE SYSTEM | |
| 2.1 | Covered Drain | |
| 2.2 | Septic Tank | |
| 3 | ESMP COST | |
| 4 | Brick Soling | |
| 5 | Soakage Pit | |
| 6 | Employer/Engineer's Facilities | |
| TOTAL COST (Rs.) | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

BILL NO.STAND POST DETAILED ESTIMATE

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|---------|----------|----------------|-------------|
| 1 | 3/21/1/ii | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) a) By Manual | | | | |
| | | in ordinary soil. | 100Cft | 0.21 | | |
| 2 | 6/5 | Cement concrete plain including placing,compacting, finishing and curing complete (including screening and washing of stone aggregate): | | | | |
| | | (f) Ratio 1: 2: 4 | 100Cft | 1.96 | | |
| 3 | 6/2 | Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50 mm) gauge. | | | | |
| | | Under Stand Post Footing | 100Cft | 0.49 | | |
| 4 | 6/5 | Cement concrete plain including placing,compacting, finishing and curing complete (including screening and washing of stone aggregate): | | | | |
| | | i) Ratio 1: 4: 8 | 100Cft | 0.21 | | |
| 5 | 6/3 | Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- | | | | |
| | | (d) Ratio 1: 6:12 | 100Cft | 0.25 | | |
| 6 | 7/4/i | Pacca brick work in foundation and plinth in:- | | | | |
| | | Cement, sand mortar:- Ratio 1:5 | 100Cft | 5.91 | | |
| 7 | 7/5 | Pacca brick work other than building upto 10ft. (3 m) height. | | | | |
| | | i) Cement, sand mortar:- Ratio 1:6 | 100Cft | 0.41 | | |
| 8 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab,beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Per.Cft | 292.50 | | |
| 9 | 6/12-c | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- | | | | |
| | | Deformed bars (Grade-60) | 100 Kg | 12.42 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

BILL NO. STAND POST DETAILED ESTIMATE

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|---------|----------|----------------|-------------|
| 10 | 10/21 | 1-3/8" (35mm) thick mosaic flooring consisting of 3/8"(10 mm) mosaic topping of one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over 1"(25 mm) thick flooring of 1:2:4 cement concrete including rubbing and polishing complete:- (a) using grey cement | | | | |
| | | Floor | 100 Sft | 1.49 | | |
| 11 | 10/37 | Mosaic dado or skirting with one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over 1/2 "(13 mm) thick cement plaster 1:3, including rubbing and polishing, complete with finishing: (a) using grey cement: i) 3/8"(10 mm) thick | | | | |
| | | Side Wall | 100 Sft | 1.53 | | |
| 12 | 6/31 A | Providing and embedding 10" (250mm) wide PVC water stopper in expansion joints of RCC structures (Retaining walls, water tanks, Slabs) complete in all respect. | Per Rft | 51.00 | | |
| 13 | 10/3 | Supplying and filling sand under floor; or plugging in Wells | | | | |
| | | | 100Cft | 0.37 | | |
| 14 | 10/43 | Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting/dado of specified size, Color and Shade with adhesive/ bond over 1/2"thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. | | | | |
| | | a) Full body Glazed tiles | | | | |
| | | (i) 400 mm x 400 mm | P.Sft | 612.00 | | |
| 15 | 11/10-b | Cement plaster 3/8" (10 mm) thick under soffit of RCC. roof slabs only, upto 20' height. Ratio 1:3 | 100 Sft | 7.42 | | |
| 16 | 10/41 | Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope . complete in all respect. (50% Grey / 50% Coloured) | | | | |
| | | b) 60-mm thick | P.Sft | 153.00 | | |
| 17 | 11/9-c | Cement plaster 1:4 upto 20' (6.00 m) height:- 3/4" (20 mm) thick | 100 Sft | 3.73 | | |
| 18 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. (crushed stone aggregate and bajri used in concrete items) (Lead 250 Km) | | | | |
| | | | 100 Cft | 2.17 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

BILL NO.STAND POST DETAILED ESTIMATE

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|----------------|-----------------|----------------|-------------|
| 19 | 19/24 | Providing and fixing chromium plated pillar-cock, heavy:- i) 2 cm (¾") | Each | 6.00 | | |
| 20 | 19/34 | Providing and fixing, floor trap of cast iron, including concrete chamber all round, and C.I.grating:- ii) 10x7.5 cm (4"x3") | Each | 2.00 | | |
| 21 | 21/1 | Providing and laying R.C.C. pipe, moulded with cement concrete 1:1½:3, with spigot socket or collar joint, etc. including cost of reinforcement, conforming to B.S. 5911:Part I: 1981, Class "L" including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing, cutting pipes where necessary, finishing and testing, etc., complete. i) 100 mm (4") i/d ii) 150 mm (6") i/d | P.Rft P.Rft | 30.00 50.00 | | |
| 22 | 21/8 | Constructing standard gully grating chamber, 3' x 2½' (900x750 mm), with chinaware trap as per PHED Drawing STD/PD No. 3 of 1977, complete in all respects | Each | 1.00 | | |
| 23 | 19/51 | Providing and hoisting vertical/ horizontal type storage tank of required capacity made of rotationally molded from (HDPE), double ply polyethelene of approved manufacturer i/c cost of making connection for inlet/outlet pipe, float valve i/c all cost of specials& labour complete in all respect as approved and directed by the Engineer Incharge. | Per Gallon | 1,000.00 | | |
| 24 | NS | Providing and installation for 5000 GPD commercial RO plant mineral water filtration reverse osmoosis | Each | 1.00 | | |
| 25 | 23/32 | P/F Ejector Pump of specified Suction and Delivery heads,coupled with Single Phase Seimen Electric Motor of required rating for water supply i/c the cost of connection charges, necessary wire, PVC pipes etc complete in all respect as approved and directed by the Engineer Incharge. ii) G-IV (2-1/2"x2") with 2.5 HP Electric Motor, 38-Mtr Suction and 38 M delivery head | Each | 1.00 | | |
| 26 | 22/1 | Boring for tubewell in all types of soil except shingle and Chap. 2 rock, from ground level to specific depth, including sinking and withdrawing of casing pipe, complete:- 1 Upto 0 to 100' depth c) 5" (125 mm) i/d 2 Upto 101' to 200' depth a) 5" (125 mm) i/d | P.Rft P.Rft | 100.00 50.00 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

BILL NO. STAND POST DETAILED ESTIMATE

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|---------|----------|------------------------|-------------|
| 27 | 23/10 | Providing and installing Fiber glass Reinforced Polypropelene (FRP) House Pipe of specified Tubewell borehole i/c the cost of male/ female coupling with Nylone Strip, wall thickness having slot size of 0.9 mm to 1.10 mm in studs complete in all respect as approved and directed by the Engineer | | | | |
| | | (FRP Housing pipe) | | | | |
| | | ii) 3" dia (5mm thickness) | Per Rft | 50.00 | | |
| 28 | 23/9(iv) | Providing and installing Fiberglass Reinforced Polypropelene (FRP) strainer of specifid wall thickness having slot size of 0.9 mm to 1.10 mm in Tubewell borehole i/c the cost of male/female coupling with Nylone Strip, studs complete in all respect as approved and directed by the Engineer Incharge. | | | | |
| | | ii) 3" inch dia (5 mm thickness) | Per Rft | 40.00 | | |
| 29 | 23/10 | Providing and installing Fiber glass Reinforced Polypropelene (FRP) Blind Pipe of specified Tubewell borehole i/c the cost of male/ female coupling with Nylone Strip, wall thickness having slot size of 0.9 mm to 1.10 mm in studs complete in all respect as approved and directed by the Engineer Incharge | | | | |
| | | ii) 3" dia (5mm thickness) | Per Rft | 50.00 | | |
| 30 | 23/10 | Providing and installing Fiber glass Reinforced Polypropelene (FRP) bail plug of specified Tubewell borehole i/c the cost of male/ female coupling with Nylone Strip, wall thickness having slot size of 0.9 mm to 1.10 mm in studs complete in all respect as approved and directed by the Engineer Incharge | | | | |
| | | ii) 3" dia (5mm thickness) | Rft | 10.00 | | |
| 31 | 6/5-f | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): | | | | |
| | | (f) Ratio 1: 2: 4 | 100 Cft | 0.06 | | |
| | | | | | Total Rs. | |
| | | | | | Required Unit | 3 |
| | | | | | Grand Total Rs. | |

**Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II
(Alipur, Shujabad & Taunsa) (Phase-1)**

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

| Bill No. 1.5: Electrification for Stand Post | | | | | | |
|---|---|--|-------------|-----------------|-----------------------|--------------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| 1 | 24/3 (a-iii) | Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials. a) Recessed in walls i/c making jharries iii) 25 mm i/d | Rft. | 45.00 | | |
| 2 | 24/9 | Supply and erection of single core PVC insulated, PVC sheathed copper conductor, 250/440 volts grade cable (BSS-2004), in pre-laid PVC pipes/M.S. conduit/G.I. pipe/wooden strip batten/wooden casing and capping/trenches, etc. (rate for cable only): | | | | |
| | | i) 3/0.74 mm (3/0.029") | Rft. | 120.00 | | |
| | | iii) 7/0.74 mm (7/0.029") | Rft. | 115.00 | | |
| 3 | 24/104 | Providing and fixing Pakistan Energy Label NEEC Approved Copper winded Ceiling Fan i/c the cost of necessary cable and hardware for connection as approved and directed by Engineer Incharge. | Each | 2.00 | | |
| | | iii) 56" dia | | | | |
| 4 | 24/105 | P/FPVC double layer Switchkit Faceplate with specified switch holes i/c the cost of switches/sockets/dimmer made of Legrand/ABB/Schenider or approved equivalent manufacturer, screws complete in all respect, as approved and directed by the Engineer Incharge | | | | |
| | | a) One way Gange Switch (Small) | | | | |
| | | (ii) 02 Gange | Each | 2.00 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

DETAILED ESTIMATE FOR PRECAST BOUNDARY WALL

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|-----------|----------|----------------|-------------|
| 1 | 3/21 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead upto one chain (30 m)lift upto 5 ft (1.5m) | | | | |
| | | 1) By Manual | | | | |
| | | ii) in ordinary soil. | 1000 Cft. | 731.25 | | |
| 2 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): | | | | |
| | 1:6:12 | (i) Ratio 1: 4: 8 | 100 Cft | 126.00 | | |
| | | (f) Ratio 1: 2: 4 | 100 Cft | 193.00 | | |
| 3 | 18/3 | a) Providing and laying sub-base course of stone product of approved quality and grade, including placing, mixing, spreading and compaction of sub-base material to required depth, camber, grade to achieve 100% maximum modified AASHO dry density, including carriage of all material to site of work except gravel and aggregate. | | | | |
| | | ii) Crushed stone aggregate. | 100 Cft | 69.00 | | |
| 4 | 7/4 | Pacca brick work in foundation and plinth in: i) Cement, sand mortar Ratio 1:5 | 100 cft | 183.00 | | |
| 5 | 7/7 | Pacca brick work other than building upto 10ft. (3 m) height. i) cement, sand mortar:- Ratio 1:4 | 100 Cft | 201.00 | | |
| 6 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |
| | | (3) Type C (nominal mix 1: 2: 4) | Per Cft | 20.00 | | |
| 7 | | (c) Reinforced cement concrete in Pile cap, slab of rafts / strip foundation, base slab of column and retaining walls; etc and footing beams, other structural members other than those mentioned in 6(a-d) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- | | | | |
| | | (3) Type C (nominal mix 1: 2: 4) | Per Cft | 28.13 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

DETAILED ESTIMATE FOR PRECAST BOUNDARY WALL

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|-----------|----------|----------------|-------------|
| 8 | 6/12 c | Providing and fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labor charges for binding of steel reinforcement (also includes removal of rust from bars), Deformed bars (Grade 60) | 100 Kg | 174.70 | | |
| 9 | 11/9 | Cement plaster 1:4 upto 20' (6.00 m) height:- b) ½" (13 mm) thick | 100 Sft | 364.00 | | |
| 10 | 13/33 | Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect: a) new surface: | | | | |
| | | i) 1st coat | 100 Sft | 180.00 | | |
| | | ii) 2nd coat | 100 Sft | 180.00 | | |
| 11 | 25/31 | Making and fixing steel grated door with 1/16" thick (1.5mm) sheeting, including angle iron frame 2"x2"x3/8" (50x50x10 mm) and ¾" (20 mm) square bars 4" (100 mm) centre to centre, with locking arrangement. | Per Sft | 90.00 | | |
| 12 | 13/5 d | Painting new surface:- Preparing surface and painting guard bars, gates of iron bars, gratings, railing (including standards, braces, etc.) and in similar open work:- a) Priming coat | 100 Sft | 180.00 | | |
| | | b) Two Coats | 100 Sft | 180.00 | | |
| 13 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. (crushed stone aggregate and bajri used in concrete items) (Form Sargodha Quarry) | 100 Cft. | 391.20 | | |
| 14 | 3/15 | Filling, watering and ramming earth under ii) With new earth excavated from outside, lead upto one chain (30 m). | 1000 Cft. | 8,775.00 | | |
| 15 | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) (Total 5 Km Lead) | | | | |
| | | a) Upto ¼ mile (400 m) | 1000 Cft. | 8,775.00 | | |
| | | b) For every 330 ft. (100 m) additional lead or part thereof, beyond ¼ mile (400 m) upto one mile. (1.6 Km.)x12 | 1000 Cft. | 8,775.00 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

DETAILED ESTIMATE FOR PRECAST BOUNDARY WALL

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|----------|----------|------------------------|-------------|
| 16 | 6/2 | Dry rammed brick or stone ballast, 1½" to 2" (40 mm to 50 mm) gauge. | 100 Cft. | 965.25 | | |
| 17 | 18/20 | Providing and laying dry brick pavement/soling in streets or roads, etc. sand grouted, laid in proper camber, including preparation, watering, compaction of bed to proper camber, and sand cushion. | 100 Cft. | 761.03 | | |
| 18 | 25/75 (i) | Providing and fixing anti climb high security galvanized razor cut wire fencing having double sharp four U-shaped pointed 0.5 mm thick (22mmx15 mm barbs) spaced @ 33 mm c/c cladded over 2.5 mm dia high tensile Core wire making coil fencing of specified diameter @ 4" c/c fixed on 2'-3" high M/S angle iron post 1½"x1½"x3/16"embedded in base of PCC (1:2:4) (4"x4"x9") @ 4' apart i/c the cost of 2 No. bars 3/8" dia welded horizontantly with angle iron posts , binding wire, painting of posts, etc. complete in all respects as pproved and directed by the Engineer incharge. | | | | |
| | | (ii) 18 " diameter | Rft | 176.00 | | |
| 19 | N.S | Providing and laying of Local Grass in yard with 3' wide stric for soling on edg, 200 Sft area for grass and 2 No bench and local tree up to 24" girth. Complete in all respect as instruction of engineer. | Sft | 200.00 | | |
| 20 | 24/64 | Supply and erection of street light pole bracket 30 mm (1¼") G.I. pipe 2 metre long, complete with 2 No. pole clamp. | Each | 2.00 | | |
| 21 | 24/66 | Supply and fitting of mercury vapour lamp, complete with choke set ii) 250 watt lamp | No | 2.00 | | |
| 22 | NS | Providing and Fixing in Position Precast boundary wall of standard size as per drawing and direction of the engineer incharge. The rate of Boundary wall includes wall Pannels of size (2"x1'x8'), columns (6"x6.5"x7') with Cap,transported to site,loading/unloading and fixing in position finished, complete in all respect. | Rft | 176.00 | | |
| | | | | | Total Rs. | |
| | | | | | Required No.s | 3 |
| | | | | | Grand Total Rs. | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

Bill No. 2.1: Covered Drain Detailed Estimate

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|-----------|-----------|----------------|-------------|
| 1 | 4/46 | Dismantling and removing road pavement, etc., including screening and stacking of byproducts upto one chain lead 30 metre). (Base, Sub Base,) | 100 Cft. | 42.28 | | |
| 2 | 4/29 | Dismantling brick or flagged flooring without concrete foundation | 100 Sft. | 20.00 | | |
| 3 | 4/19 | c) Dismantling cement concrete 1:2:4 plain. | 100 Cft. | 15.24 | | |
| 4 | 4/13 | Dismantling brick work in lime or cement mortar. | 100 Cft. | 15.00 | | |
| 5 | 3/9 | Earthwork excavation in irrigation channels, drains, etc. to designed section, grades and profiles, excavated material disposed off and dressed within 100 ft. (30 m) lead:- i) Ordinary | 1000 Cft. | 40.21 | | |
| 6 | 20/6 | Constructing Punjab Standard Drains. of cement concrete 1:2 ½ :5, with cement concrete bedding ratio 1:6:12, complete, laid to lines, grades, slopes and shapes, rendering exposed surface of concrete with 1:1 cement, sand mortar, ¼ " (6 mm) thick, as per Engineer's drawing (excluding excavation):- a) Type I | Per Rft. | 20,534.94 | | |
| 7 | 6/3 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (d) Ratio 1: 6:12 | 100 Cft. | 38.50 | | |
| 8 | 20/1 | Tega formed of pacca bricks on end, laid in and over cement sand mortar projecting to a height of not more than 6" (150 mm) top of drain along the property side where required, laid to lines, grades, slopes and shape according to the Engineer's drawing:- B) 4½" thick (113 mm) i) ratio 1:3 | 100 Rft. | 205.35 | | |
| 9 | 20/3 | Pacca brick on edge, laid in reimbursement, in cement, sand mortar, on sides of drains and on other works where required. All joints to be completely filled and struck flush:- a) ratio 1:3 | 100 Sft. | 154.01 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

Bill No. 2.1: Covered Drain Detailed Estimate

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|----------|----------|----------------|-------------|
| 10 | N.S | Manufacturing, supply, and installation of Drain Cover made of 100% Recycled Plastic Composite (RPC) material, having dimensions 1.5 ft × 3 ft with 55 mm thickness. The cover shall be perforated with clear 2-inch diameter circular holes. The drain cover shall be load-bearing with a minimum capacity of 4-ton axle load / point load. | No.s | 1,711.00 | | |
| 11 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) Reinforced cement concrete in roof slab, beams columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- (3) Type C (nominal mix 1: 2: 4) | Per Cft. | 3,760.70 | | |
| 12 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- (b) Deformed bars (ii) (Grade-60) | 100 Kgs. | 115.25 | | |
| 13 | 19/47 | Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS 4514 / BS 5255 - EN 1329 including the cost of specials and Solvents complete in all respects, as per drawings & specifications and / or as approved and directed by the Engineer Incharge (iii) 50mm | Per Rft. | 4,107.00 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

Bill No. 2.1: Covered Drain Detailed Estimate

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|-----------|-----------|----------------|-------------|
| 14 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor (crushed stone aggregate and bajri used in concrete items) (The lead in the rate has been considered as 310 km; however, payment shall be made based on the actual lead accordingly as per the lead chart approved by the Engineer) | 100 Cft. | 33.09 | | |
| 15 | 7/7 | Pacca brick work other than building upto 10ft. (3 m) height. i) Cement, sand mortar:- Ratio 1:3 (Provisional Qty) | 100 Cft. | 1.00 | | |
| 16 | 11/8 | Cement plaster 1:3 upto 20' (6.00 m) height:- b) ½" (13 mm) thick (Provisional Qty) | 100 Sft. | 1.00 | | |
| 17 | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) (Transportation will be paid as per actual lead chart to be approved by the Engineer) (Provisional Qty) | | | | |
| | | a) upto ¼ mile (400 m). | 1000 Cft. | 40.21 | | |
| | | b) For every 330 ft. (100 m) additional lead or part thereof, beyond ¼ mile (400 m) upto one mile. (1.6 Km.) | 1000 Cft. | Rate only | | |
| 18 | 21/8 | Restoration of brick pavement on edge, over laid service line, with 2" (50 mm) sand cushion under soling. | 100Sft | 20.00 | | |
| 19 | 21/10 a | Restoration of metalled road, on laid service line, including compaction:. a) Carpetted road, with 2" (50 mm) carpet and 10" (250 mm) depth of stone metal, for sub base & base. | 100Sft | 61.60 | | |
| 20 | 21/10 (c) | c) Black Topped Road with two coats of surfacing & 10" (250 mm) depth of stone metal, for sub base & base. | 100Sft | 61.60 | | |
| | | | | | Total Rs. | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

| Bill 2.2: SEPTIC TANK DETAILED ESTIMATE | | | | Size 15'x5'x6' | | |
|---|---------------------------------------|---|-----------|----------------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chan/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | CIVIL WORKS | | | | |
| 1 | 3/21 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) | | | | |
| | | 2) a) By Excavator | | | | |
| | | ii) Ordinary soil | 1000Cft | 2.38 | | |
| | | b) Lift from 5ft (1.5m) to 15 ft (4.5 m):- | | | | |
| | | ii) Ordinary soil | 1000Cft | 1.13 | | |
| 2 | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) (Transportation will be paid as per actual lead chart to be approved by the Engineer) | | | | |
| | | a) upto ¼ mile (400 m). | 1000 Cft. | 3.51 | | |
| 3 | 13/9 | Bitumen coating to plastered or cement | | | | |
| | | i) 20 lbs. per 100 Sft. (9.07 Kg per Sq.m) | 100 Sft | 2.40 | | |
| 4 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100Cft | 1.57 | | |
| 5 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 | 100 Cft. | 0.29 | | |
| 6 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 37.50 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

| Bill 2.2: SEPTIC TANK DETAILED ESTIMATE | | | | | Size 15'x5'x6' | |
|---|---------------------------------------|---|--------|----------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chan/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| 7 | | (a) (ii) Reinforced cement concrete in retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast in situ (Formwork on both sides) , complete in all respects | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 155.93 | | |
| 8 | | (a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining wal ls; etc and other structural members other than those mentioned in 5(a)(i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 56.25 | | |
| 9 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and steel chairs, etc. complete in all respect. and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also Includes removal of rust from bars):- (c) Deformed bars (Grade-60) | 100 Kg | 3.40 | | |
| 10 | 19/47 | Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS4514 / BS5255 - EN 1329 including thecost of specials and Solvents complete in all respects, as per drawings& specifications and / or as approved and directed by the Engineer Incharge. | | | | |
| | | (vi) 160 mm | P.Rft | 10.00 | | |
| 11 | 23/15 | Providing, laying, testing and commissioning μ -PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials completeas approved and directed by the Engineer Incharge.b) Class-E | | | | |
| | | (vii) 3" | | | | |
| | | | P.Rft | 5.00 | | |
| 12 | 19/49 | Vent Cowel | | | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

| Bill 2.2: SEPTIC TANK DETAILED ESTIMATE | | | | Size 15'x5'x6' | | |
|---|---------------------------------------|--|---------|----------------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chan/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | (ii) 3" dia | Each | 1.00 | | |
| 13 | NS | Providing and fixing RPC Manhole Cover Manufactured with 100% Recycled Plastic Composite Material, 650 mm (26"dia) with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (31.1") with average breaking load capacity of 10 Ton and weight including frame of 50 kg (Minimum). | Each | 2.00 | | |
| 14 | 6/31 | Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects. | Rft | 40.00 | | |
| 15 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. Lead from approved nearby quarry | 100 Cft | 2.37 | | |
| | | | | | Total Rs. | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

| Bill 2.2 SEPTIC TANK DETAILED ESTIMATE | | | | Size 21'x7'x6' | | |
|--|---------------------------------------|---|-----------|----------------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | CIVIL WORKS | | | | |
| 1 | 3/21 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) | | | | |
| | | 2) a) By Excavator | | | | |
| | | ii) Ordinary soil | 1000Cft | 1.15 | | |
| | | b) Lift from 5ft (1.5m) to 15 ft (4.5 m):- | | | | |
| | | ii) Ordinary soil | 1000Cft | 0.98 | | |
| | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) (Transportation will be paid as per actual lead chart to be approved by the Engineer) | | | | |
| | | a) upto ¼ mile (400 m). | 1000 Cft. | 2.12 | | |
| | 13/9 | Bitumen coating to plastered or cement | | | | |
| | | i) 20 lbs. per 100 Sft. (9.07 Kg per Sq.m) | 100 Sft | 3.36 | | |
| 2 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100Cft | 0.76 | | |
| 3 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 | 100 Cft. | 0.76 | | |
| 4 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 72.83 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

Bill 2.2 SEPTIC TANK DETAILED ESTIMATE

Size 21'x7'x6'

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|---------------------------------------|---|--------|----------|----------------|-------------|
| 5 | | (a) (ii) Reinforced cement concrete in retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast in situ (Formwork on both sides) , complete in all respects | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 242.52 | | |
| 6 | | (a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining wal ls; etc and other structural members other than those mentioned in 5(a)(i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 109.25 | | |
| 7 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and steel chairs, etc. complete in all respect. and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also Includes removal of rust from bars):- (c) Deformed bars (Grade-60) | 100 Kg | 5.78 | | |
| 8 | 19/47 | Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS4514 / BS5255 - EN 1329 including thecost of specials and Solvents complete in all respects, as per drawings& specifications and / or as approved and directed by the Engineer Incharge. | | | | |
| | | (vi) 160 mm | P.Rft | 10.00 | | |
| 9 | 23/15 | Providing, laying, testing and commissioning μ -PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials completeas approved and directed by the Engineer Incharge.b) Class-E | | | | |
| | | (vii) 3" | | | | |
| | | | P.Rft | 5.00 | | |
| 10 | 19/49 | Vent Cowel | | | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

| Bill 2.2 SEPTIC TANK DETAILED ESTIMATE | | | Size 21'x7'x6' | | | |
|--|---------------------------------------|--|----------------|----------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | (ii) 3" dia | Each | 1.00 | | |
| 11 | NS | Providing and fixing RPC Manhole Cover Manufactured with 100% Recycled Plastic Composite Material, 650 mm (26"dia) with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (31.1") with average breaking load capacity of 10 Ton and weight including frame of 50 kg (Minimum). | Each | 2.00 | | |
| 12 | 6/31 | Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects. | Rft | 56.00 | | |
| 13 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. Lead from approved nearby quarry | 100 Cft | 4.28 | | |
| | | | | | Total Rs. | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

| Bill 2.2 SEPTIC TANK DETAILED ESTIMATE | | | | Size 26'x9'x6' | | |
|--|------------------------------------|---|-----------|----------------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | CIVIL WORKS | | | | |
| 1 | 3/21 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) | | | | |
| | | 2) a) By Excavator | | | | |
| | | ii) Ordinary soil | 1000Cft | 1.95 | | |
| | | b) Lift from 5ft (1.5m) to 15 ft (4.5 m):- | | | | |
| | | ii) Ordinary soil | 1000Cft | 1.42 | | |
| 2 | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) (Transportation will be paid as per actual lead chart to be approved by the Engineer) | | | | |
| | | a) upto ¼ mile (400 m). | 1000 Cft. | 3.37 | | |
| 3 | 13/9 | Bitumen coating to plastered or cement | | | | |
| | | i) 20 lbs. per 100 Sft. (9.07 Kg per Sq.m) | 100 Sft | 4.20 | | |
| 4 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100Cft | 1.29 | | |
| 5 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 | 100 Cft. | 0.85 | | |
| 6 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 117.00 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

| Bill 2.2 SEPTIC TANK DETAILED ESTIMATE | | | | Size 26'x9'x6' | | |
|--|------------------------------------|---|--------|----------------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| 7 | | (a) (ii) Reinforced cement concrete in retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast in situ (Formwork on both sides) , complete in all respects | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 302.28 | | |
| 8 | | (a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining wal ls; etc and other structural members other than those mentioned in 5(a)(i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 193.15 | | |
| 9 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and steel chairs, etc. complete in all respect. and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also Includes removal of rust from bars):- (c) Deformed bars (Grade-60) | 100 Kg | 8.34 | | |
| 10 | 19/47 | Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS4514 / BS5255 - EN 1329 including thecost of specials and Solvents complete in all respects, as per drawings& specifications and / or as approved and directed by the Engineer Incharge. | | | | |
| | | (vi) 160 mm | P.Rft | 10.00 | | |
| 11 | 23/15 | Providing, laying, testing and commissioning μ -PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials completeas approved and directed by the Engineer Incharge.b) Class-E | | | | |
| | | (vii) 3" | | | | |
| | | | P.Rft | 5.00 | | |
| 12 | 19/49 | Vent Cowel | | | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

| Bill 2.2 SEPTIC TANK DETAILED ESTIMATE | | | Size 26'x9'x6' | | | |
|--|------------------------------------|--|----------------|----------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | (ii) 3" dia | Each | 1.00 | | |
| 13 | NS | Providing and fixing RPC Manhole Cover Manufactured with 100% Recycled Plastic Composite Material, 650 mm (26"dia) with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (31.1") with average breaking load capacity of 10 Ton and weight including frame of 50 kg (Minimum). | Each | 2.00 | | |
| 14 | 6/31 | Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects. | Rft | 40.00 | | |
| 15 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. Lead from approved nearby quarry | 100 Cft | 5.95 | | |
| | | | | | Total Rs. | |

| Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1) | | | | | | |
|--|---------------------------------------|---|-----------|----------|-----------------|-------------|
| SKINDERABAD (GHARABI), TEHSIL SHUJABAD | | | | | | |
| Bill 2.2 SEPTIC TANK DETAILED ESTIMATE | | | | | Size 26'x10'x8' | |
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | CIVIL WORKS | | | | |
| 1 | 3/21 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) | | | | |
| | | 2) a) By Excavator | | | | |
| | | ii) Ordinary soil | 1000Cft | 2.10 | | |
| | | b) Lift from 5ft (1.5m) to 15 ft (4.5 m):- | | | | |
| | | ii) Ordinary soil | 1000Cft | 2.36 | | |
| 2 | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) (Transportation will be paid as per actual lead chart to be approved by the Engineer) | | | | |
| | | a) upto ¼ mile (400 m). | 1000 Cft. | 4.46 | | |
| 3 | 13/9 | Bitumen coating to plastered or cement | | | | |
| | | i) 20 lbs. per 100 Sft. (9.07 Kg per Sq.m) | 100 Sft | 5.76 | | |
| 4 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100Cft | 1.39 | | |
| 5 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 | 100 Cft. | 0.85 | | |
| 6 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 117.00 | | |

| Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1) | | | | | | |
|--|---------------------------------------|---|--------|----------|-----------------|-------------|
| SKINDERABAD (GHARABI), TEHSIL SHUJABAD | | | | | | |
| Bill 2.2 SEPTIC TANK DETAILED ESTIMATE | | | | | Size 26'x10'x8' | |
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| 7 | | (a) (ii) Reinforced cement concrete in retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast in situ (Formwork on both sides) , complete in all respects | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 416.96 | | |
| 8 | | (a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining wal ls; etc and other structural members other than those mentioned in 5(a)(i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 193.15 | | |
| 9 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and steel chairs, etc. complete in all respect. and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also Includes removal of rust from bars):- (c) Deformed bars (Grade-60) | 100 Kg | 9.90 | | |
| 10 | 19/47 | Providing, fixing, testing and commissioning of µ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS4514 / BS5255 - EN 1329 including thecost of specials and Solvents complete in all respects, as per drawings& specifications and / or as approved and directed by the Engineer Incharge. | | | | |
| | | (vi) 160 mm | P.Rft | 10.00 | | |
| 11 | 23/15 | Providing, laying, testing and commissioning µ -PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials completeas approved and directed by the Engineer Incharge.b) Class-E | | | | |
| | | (vii) 3" | | | | |
| | | | P.Rft | 5.00 | | |
| 12 | 19/49 | Vent Cowel | | | | |

| Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1) | | | | | | |
|--|---------------------------------------|---|---------|-----------------|----------------|-------------|
| SKINDERABAD (GHARABI), TEHSIL SHUJABAD | | | | | | |
| Bill 2.2 SEPTIC TANK DETAILED ESTIMATE | | | | Size 26'x10'x8' | | |
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | (ii) 3" dia | Each | 1.00 | | |
| 13 | NS | Providing and fixing RPC Manhole Cover Manufactured with 100% Recycled Plastic Composite Material, 650 mm (26" dia) with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (31.1") with average breaking load capacity of 10 Ton and weight including frame of 50 kg (Minimum). | Each | 2.00 | | |
| 14 | 6/31 | Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects. | Rft | 40.00 | | |
| 15 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. Lead from approved nearby quarry | 100 Cft | 6.91 | | |
| | | | | | Total Rs. | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

Bill 2.2 SEPTIC TANK DETAILED ESTIMATE

Size 30'x10'x12'

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|-----------|----------|----------------|-------------|
| | | CIVIL WORKS | | | | |
| 1 | 3/21 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) | | | | |
| | | 2) a) By Excavator | | | | |
| | | ii) Ordinary soil | 1000 Cft. | 2.38 | | |
| | | b) Lift from 5ft (1.5m) to 15 ft (4.5 m):- | | | | |
| | | ii) Ordinary soil | 1000 Cft. | 4.58 | | |
| 2 | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) (Transportation will be paid as per actual lead chart to be approved by the Engineer) | | | | |
| | | a) upto ¼ mile (400 m). | 1000 Cft. | 2.38 | | |
| 3 | 13/9 | Bitumen coating to plastered or cement | | | | |
| | | i) 20 lbs. per 100 Sft. (9.07 Kg per Sq.m) | 100 Sft | 9.60 | | |
| 4 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100Cft | 1.57 | | |
| 5 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 | 100 Cft. | 1.08 | | |
| 6 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 150.00 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

Bill 2.2 SEPTIC TANK DETAILED ESTIMATE

Size 30'x10'x12'

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|--------|----------|----------------|-------------|
| 7 | | (a) (ii) Reinforced cement concrete in retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast in situ (Formwork on both sides) , complete in all respects | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 712.80 | | |
| 8 | | (a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining wal ls; etc and other structural members other than those mentioned in 5(a)(i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 268.12 | | |
| 9 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and steel chairs, etc. complete in all respect. and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also Includes removal of rust from bars):- (c) Deformed bars (Grade-60) | 100 Kg | 20.54 | | |
| 10 | 19/47 | Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS4514 / BS5255 - EN 1329 including thecost of specials and Solvents complete in all respects, as per drawings& specifications and / or as approved and directed by the Engineer Incharge. | | | | |
| | | (vi) 160 mm | P.Rft | 10.00 | | |
| 11 | 23/15 | Providing, laying, testing and commissioning μ -PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials completeas approved and directed by the Engineer Incharge.b) Class-E | | | | |
| | | (vii) 3" | | | | |
| | | | P.Rft | 5.00 | | |
| 12 | 19/49 | Vent Cowel | | | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

Bill 2.2 SEPTIC TANK DETAILED ESTIMATE

Size 30'x10'x12'

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|---------|----------|----------------|-------------|
| | | (ii) 3" dia | Each | 1.00 | | |
| 13 | NS | Providing and fixing RPC Manhole Cover Manufactured with 100% Recycled Plastic Composite Material, 650 mm (26"dia) with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (31.1") with average breaking load capacity of 10 Ton and weight including frame of 50 kg (Minimum). | Each | 2.00 | | |
| 14 | 6/31 | Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects. | Rft | 80.00 | | |
| 15 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. Lead from approved nearby quarry | 100 Cft | 10.52 | | |
| | | | | | Total Rs. | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

Bill 2.2 SEPTIC TANK DETAILED ESTIMATE

Size 32'x11'x12'

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|-----------|----------|----------------|-------------|
| | | CIVIL WORKS | | | | |
| 1 | 3/21 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) | | | | |
| | | 2) a) By Excavator | | | | |
| | | ii) Ordinary soil | 1000 Cft. | 2.70 | | |
| | | b) Lift from 5ft (1.5m) to 15 ft (4.5 m):- | | | | |
| | | ii) Ordinary soil | 1000 Cft. | 5.20 | | |
| 2 | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) (Transportation will be paid as per actual lead chart to be approved by the Engineer) | | | | |
| | | a) upto ¼ mile (400 m). | 1000 Cft. | 7.90 | | |
| 3 | 13/9 | Bitumen coating to plastered or cement | | | | |
| | | i) 20 lbs. per 100 Sft. (9.07 Kg per Sq.m) | 100 Sft | 10.32 | | |
| 4 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100Cft | 1.78 | | |
| 5 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 | 100 Cft. | 1.26 | | |
| 6 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

Bill 2.2 SEPTIC TANK DETAILED ESTIMATE

Size 32'x11'x12'

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|--------|----------|----------------|-------------|
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 176.00 | | |
| 7 | | (a) (ii) Reinforced cement concrete in retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast in situ (Formwork on both sides) , complete in all respects | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 768.00 | | |
| 8 | | (a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining wal ls; etc and other structural members other than those mentioned in 5(a)(i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 285.61 | | |
| 9 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and steel chairs, etc. complete in all respect. and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also Includes removal of rust from bars):- (c) Deformed bars (Grade-60) | 100 Kg | 22.33 | | |
| 10 | 19/47 | Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS4514 / BS5255 - EN 1329 including the cost of specials and Solvents complete in all respects, as per drawings& specifications and / or as approved and directed by the Engineer Incharge. | | | | |
| | | (vi) 160 mm | P.Rft | 10.00 | | |
| 11 | 23/15 | Providing, laying, testing and commissioning μ -PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials completeas approved and directed by the Engineer Incharge.b) Class-E | | | | |
| | | (vii) 3" | | | | |
| | | | P.Rft | 5.00 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

Bill 2.2 SEPTIC TANK DETAILED ESTIMATE

Size 32'x11'x12'

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|---------|----------|----------------|-------------|
| 12 | 19/49 | Vent Cowel | | | | |
| | | (ii) 3" dia | Each | 1.00 | | |
| 13 | NS | Providing and fixing RPC Manhole Cover Manufactured with 100% Recycled Plastic Composite Material, 650 mm (26"dia) with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (31.1") with average breaking load capacity of 10 Ton and weight including frame of 50 kg (Minimum). | Each | 2.00 | | |
| 14 | 6/31 | Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects. | Rft | 86.00 | | |
| 15 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. Lead from approved nearby quarry | 100 Cft | 11.52 | | |
| | | | | | Total Rs. | |

**Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II
(Alipur, Shujabad & Taunsa) (Phase-1)**

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

CST SIZE 48' X 15' X 12'

Bill 2.2: SEPTIC TANK DETAILED ESTIMATE

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|-----------|----------|----------------|-------------|
| | | CIVIL WORKS | | | | |
| 1 | 3/21 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) | | | | |
| | | 2) a) By Excavator | | | | |
| | | ii) Ordinary soil | 1000 Cft. | 2.70 | | |
| | | b) Lift from 5ft (1.5m) to 15 ft (4.5 m):- | | | | |
| | | ii) Ordinary soil | 1000 Cft. | 5.20 | | |
| 2 | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) (Transportation will be paid as per actual lead chart to be approved by the Engineer) | | | | |
| | | a) upto ¼ mile (400 m). | 1000 Cft. | 19.39 | | |
| 3 | 13/9 | Bitumen coating to plastered or cement | | | | |
| | | i) 20 lbs. per 100 Sft. (9.07 Kg per Sq.m) | 100 Sft | 15.12 | | |
| 4 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100Cft | 3.26 | | |
| 5 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 | 100 Cft. | 2.51 | | |
| 6 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |

**Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II
(Alipur, Shujabad & Taunsa) (Phase-1)**

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

CST SIZE 48' X 15' X 12'

Bill 2.2: SEPTIC TANK DETAILED ESTIMATE

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|--------|----------|----------------|-------------|
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 360.00 | | |
| 7 | | (a) (ii) Reinforced cement concrete in retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast in situ (Formwork on both sides) , complete in all respects | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 1,117.44 | | |
| 8 | | (a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining wal ls; etc and other structural members other than those mentioned in 5(a)(i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 571.51 | | |
| 9 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and steel chairs, etc. complete in all respect. and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also Includes removal of rust from bars):- (c) Deformed bars (Grade-60) | 100 Kg | 37.21 | | |
| 10 | 19/47 | Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS4514 / BS5255 - EN 1329 including thecost of specials and Solvents complete in all respects, as per drawings& specifications and / or as approved and directed by the Engineer Incharge. | | | | |
| | | (vi) 160 mm | P.Rft | 10.00 | | |
| 11 | 23/15 | Providing, laying, testing and commissioning μ -PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials completeas approved and directed by the Engineer Incharge.b) Class-E | | | | |
| | | (vii) 3" | | | | |

**Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II
(Alipur, Shujabad & Taunsa) (Phase-1)**

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

CST SIZE 48' X 15' X 12'

Bill 2.2: SEPTIC TANK DETAILED ESTIMATE

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|---------|----------|----------------|-------------|
| | | | P.Rft | 5.00 | | |
| 12 | 19/49 | Vent Cowel | | | | |
| | | (ii) 3" dia | Each | 1.00 | | |
| 13 | NS | Providing and fixing RPC Manhole Cover Manufactured with 100% Recycled Plastic Composite Material, 650 mm (26"dia) with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (31.1") with average breaking load capacity of 10 Ton and weight including frame of 50 kg (Minimum). | Each | 2.00 | | |
| 14 | 6/31 | Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects. | Rft | 126.00 | | |
| 15 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. Lead from approved nearby quarry | 100 Cft | 19.59 | | |
| | | | | | | |
| | | | | | | |
| | | | | | Total Rs. | |

**Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II
(Alipur, Shujabad & Taunsa) (Phase-1)**

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

Bill No. 4: Brick Soling Detailed Estimate

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|----------|----------|----------------|-------------|
| 1 | 3/20 | b) Dressing of earthwork (done by machinery or otherwise i) Ordinary | 100 Sft. | 1,922.38 | | |
| 2 | 18/20 | Providing and laying dry brick pavement/soling in streets or roads, etc. sand grouted, laid in proper camber, including preparation, watering, compaction of bed to proper camber, and sand cushion. | 100 Cft. | 720.89 | | |
| | | | | | Total Rs. | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

Bill No. 5: SOAKAGE PIT DETAILED ESTIMATE

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|-----------|----------|----------------|-------------|
| 1 | 22/1 | Excavation of well in dry upto 20'(6 metre) below ground level, and disposal of soil within one chain (30 metre) | | | | |
| | | a) in ordinary soil or sand : | | | | |
| | | i) from 0' to 5' (0 to 1.5 m) depth | 1000 Cft. | 0.14 | | |
| | | ii) from 5.1' to 10' (1.5 to 3.0 metre) depth | 1000 Cft. | 0.14 | | |
| | | iii) from 10.1' to 15' (3.0 to 4.5 metre) depth | 1000 Cft. | 0.11 | | |
| 2 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate) | | | | |
| | | (f) Ratio 1: 2: 4 | 1000 Cft. | 0.05 | | |
| 3 | 7/4 | Pacca brick work in foundation and plinth in:- | | | | |
| | | i) Cement, sand mortar:- | 100 Cft. | 0.57 | | |
| | | Ratio 1:3 | | | | |
| 4 | 7/10 | Extra for pacca brick work in steining of wells or any other circular masonry. | 100 Cft. | 0.57 | | |
| | | As Item of Brick Work | | | | |
| 5 | 7/18 | Perforated pacca brick walling half brick thick, in ground floors:- | | | | |
| | | i) Cement, sand mortar:- | | | | |
| | | Ratio 1:3 | 100 Sft. | 1.89 | | |
| 6 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100 Cft. | 0.20 | | |
| 7 | 6/5 | Providing and laying base course of crushed stone aggregate of approved quality and grade, and supply and spreading of stone screening, including placing, mixing, spreading and compacting of base course material to required depth, camber and grade to achieve 100% maximum modified AASHO dry density, including carriage of all materials to site of work except gravel and aggregate. | | | | |
| | | Gravels Size 4" for Soakage Pit | 100Cft | 1.77 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

SKINDERABAD (GHARABI), TEHSIL SHUJABAD

Bill No. 5: SOAKAGE PIT DETAILED ESTIMATE

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|----------|----------|-----------------|-------------|
| 8 | 6/6 (a)(ii, i) | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- Provisional Qty | | | | |
| | | (3) Type C (nominal mix 1: 2: 4) | Per Cft | 10.95 | | |
| 9 | 6/12 (c) | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- | 100Kg | 2.00 | | |
| 10 | | Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with 'B' Class working pressure pipe, in trenches, complete in all respects:- | | | | |
| | | 6" i/d (150 mm) | Rft | 10.00 | | |
| 11 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. (crushed stone aggregate and bajri used in concrete items) | 100 Cft. | 1.91 | | |
| 12 | 3/13 | Rehandling of earthwork: a) Lead upto a single throw of Kassi, phaorah or shovel | 1000Cft | 0.40 | | |
| | | | | | Total Rs. | |
| | | | | | Required No's | 5 |
| | | | | | Grand Total Rs. | |

| Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1) | | | | | | |
|---|---|---|------|----------------|------------------------|-------------|
| SKINDERABAD (SHARAQI) TEHSIL SHUJABAD | | | | | | |
| Bill No. 3: ESMP Cost | | | | | | |
| Sr. No. | Item Description | ISO / Standard Code / Description | Unit | Unit Rate (Rs) | Quantity (Per Village) | Amount (Rs) |
| Personal Protective Equipments | | | | | | |
| 1 | Safety Jackets | EN ISO 20471: 360 degree visibility Fluorescent yellow/orange; retro-reflective strips; breathable mesh fabric; secure Velcro or zipper closure, provided in appropriate sizes are required by Staff, PRMSC name and logo printed | Each | | 30.00 | |
| 2 | Safety Helmets | EN-397 High-density polyethylene (HDPE) or ABS plastic; adjustable screw harness; Adjustable headbands, chin straps, and non-allergic sweatbands. color-coded (white for engineers, yellow for workers) PRMSC Brading and LOGO PRINTED with sr number mentioned on each helmet for ease of record keeping | Each | | 30.00 | |
| 3 | Safety Gloves | EN 388 : Nitrile-coated or leather palm; abrasion and cut-resistant; breathable back; conforms to EN388 safety ratings | Each | | 50.00 | |
| 4 | Dust Mask (Dust proof mask) | ISO 16975: Disposable N95 or FFP2 class mask; elastic bands; nose clip for sealing; replace after use | Each | | 100.00 | |
| 5 | Safety Shoes & Toes | EN ISO 20345, requiring a toe cap to withstand a minimum 200-joule impact and 15 kilonewtons (kN) of compression Steel toe cap; anti-slip, oil-resistant sole; leather upper; ankle support for shoes only | Each | | 35.00 | |
| 6 | Safety Harness Belt | ISO 10333: High-tenacity polyester webbing, minimum width 45mm; adjustable shoulder and thigh straps with metal buckles; dorsal D-ring for fall arrest, side D-rings for positioning; and chest strap with quick-connect buckle; Renowned Brand | Each | | 3.00 | |
| 7 | Protective Goggles | ISO 16321: Anti-fog, scratch-resistant; side shielding for wrap-around protection; adjustable strap | Each | | 10.00 | |
| 8 | Ear Plugs | ISO 4869-1: Soft polyurethane foam; noise reduction rating (NRR) of 30 dB or more | Each | | 20.00 | |
| Health Safety Environment Materials / Testing | | | | | | |
| 9 | First Aid Kit | ISO 7010-E003: Painkiller, eyewash solution, antibiotic ointment, thermometer, plasters, sterile gauze, dressings, sterile eye dressings, triangular bandages, crepe rolled bandages, safety pins, disposable sterile gloves and tweezers), pain killers, burn creams, pyodine solution (big bottle), other medication as required by tehsil team is adequate size and quantity | Each | | 1.00 | |
| 10 | Warning / Safety Signs | ISO 7010: Weatherproof PVC or Plastic or aluminum signs; reflective print; standardized colors and pictograms (danger, caution, mandatory) | Each | | 25.00 | |
| 11 | Green Mesh | Green safety netting for site periphery; 50% shading; UV-stabilized HDPE material. | S.ft | | 200.00 | |
| 12 | DCP Fire Extinguisher (Dry Chemical Powder) | ISO 7165: 6-kg; ABC type; The extinguishing agent is mono ammonium phosphate and ammonium sulphate powder and the discharge time of the agent is 13 second | No. | | 1.00 | |
| 13 | CO ₂ Fire Extinguisher | ISO 7165: 5 kg; frost-free horn; suitable for electrical and liquid fires; discharge time of the agent in 13 second) | No. | | 1.00 | |

| Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1) | | | | | | |
|---|---|--|-----------------------|----------------|------------------------|-------------|
| SKINDERABAD (SHARAQI) TEHSIL SHUJABAD | | | | | | |
| Bill No. 3: ESMP Cost | | | | | | |
| Sr. No. | Item Description | ISO / Standard Code / Description | Unit | Unit Rate (Rs) | Quantity (Per Village) | Amount (Rs) |
| 14 | Fire Alarm | ICS 13.030.10: Proper segregation, PPE for handlers, timely removal, recordkeeping per solid waste rules | No. | | 2.00 | |
| 15 | Trapuline | Waterproof tarpaulin sheet made from polyethylene or canva | Sq.ft | | 30.00 | |
| 16 | Safety Cones | UV-resistant PVC or rubber material; at least 28 to 36 inches in height; high-visibility orange color with reflective collars (minimum 4-inch reflective band) for day and night visibility | | | 12.00 | |
| 17 | Tree Plantation | 5-6 feet height; Native species plantation; soil preparation and watering included | No. | | 100.00 | |
| 18 | Barricading / Fencing (Reflective tape, poles, safety mesh/netting) | ISO 13857: Includes poles, reflective tape, plastic mesh netting; minimum 3 feet height; durable and visible | Rft | | 300.00 | |
| 19 | Trainings | HSE Training, Rescue Training, Labour Code of Conduct, Environmental Code of Conduct, Defensive Driver Trainings, Labour Laws and Labour Rights, GAP Training, C-ESMP Training and anyother as required by E&S wing | Quarterly | | 4.00 | |
| 20 | Water Sprinkling | Water sprinkling through tank mounted on tractor | Per Trip | | 30.00 | |
| 21 | Medical Screening for Workers | CBC, Anti HCV, HBsAG, HIV, RPR, LFTs, RFTs etc. | Persons | | 30.00 | |
| Environmental Testing and Monitoring | | | | | | |
| 22 | Ambient Air Quality Monitoring | As per the parameters and methodology defined by EPA (Quarterly in every village) | Each | | 3.00 | |
| 23 | Groundwater Quality Test | As per the parameters and methodology defined by EPA (Quarterly in every village) | Each | | 3.00 | |
| 24 | Surface Water Quality Test | (As per the parameters and methodology defined by EPA (Quarterly in every village) | Each | | 3.00 | |
| 25 | waste Water Quality Test | (As per the parameters and methodology defined by EPA (Quarterly in every village) | Each | | 3.00 | |
| 26 | Noise Level Monitoring | (As per the parameters and methodology defined by EPA (Quarterly in every village) | Each | | 3.00 | |
| Site Specific / Contractors Environmntal and Social Management Plan | | | | | | |
| 27 | CESMP Formulation | By an individual or firm as approved by PRMSC Environment Wing | per village | | 1.00 | |
| HSE Staff | | | | | | |
| 28 | HSE Supervisor | Bachelor 's degree in Environmental Sciences / Engineering , NEBOSH or IOSH certification will be preffered, with over one year of experience in Occupational Health and Safety, one HSE person for 10-15 village, hiring of HSE staff will be approved by E&S prior to contract signing | Per month per village | | 12.00 | |

| Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1) | | | | | | |
|---|---|--|--|----------------|------------------------|-------------|
| SKINDERABAD (SHARAQI) TEHSIL SHUJABAD | | | | | | |
| Bill No. 3: ESMP Cost | | | | | | |
| Sr. No. | Item Description | ISO / Standard Code / Description | Unit | Unit Rate (Rs) | Quantity (Per Village) | Amount (Rs) |
| Waste Management and House Keeping | | | | | | |
| 29 | Handling and disposal of Hazardous Material | ICS 13.030.30: Safe storage, labeling, and transportation; spill kits and secondary containment as per MSDS | 3 times per village for duration of contract | | 3.00 | |
| 30 | Handling and disposal of Solid Waste Material | ICS 13.030.10: Proper segregation, PPE for handlers, timely removal, recordkeeping per solid waste rules | 3 times per village for duration of contract | | 3.00 | |
| Total ESMP Implementation Cost (PKR) | | | | | | |

| Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1) | | | | | | |
|--|----------|---|-----------|----------|----------------|-------------|
| SKINDERABAD (GHARABI) TEHSIL SHUJABAD | | | | | | |
| Bill No.6: Employer Facilities Detailed Estimate | | | | | | |
| Sr. No. | Ref. MRS | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| 1 | | Providing and maintaining site offices (portable air condition (1,5 ton AC) cabin containers lined with win board size 20'x8'x8.5' with toilet & kitchen, all-time availability of water and electricity) for the entire duration of the project to the Employer and the Engineer. It includes office tables, chairs, water dispenser, electric heater, steel almirah for document storage, etc complete with all respect. After completion of the project these containers and all accessories will be the property of PRMSC | Nos | 1.0 | | |
| 2 | | Providing 02 Nos office boy in accordance with the special provisions of the bidding document and up to the satisfaction of the Employer/Engineer. | Per month | 20.0 | | |
| 3 | | Providing and maintaining the Cost of Utility Services (Electricity, Water, Gas, etc.) for the 01 No. office. | Per month | 20.0 | | |
| Total Amount | | | | | | |
| Required No.s | | | | | | 1 |
| Grand Total | | | | | | |

**Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP),
Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)**

JHOK BHUTTA, TEHSIL TAUNSA

ABSTRACT OF COST

| Bill No. | Description | Amount (Rs.) |
|-----------------|---|---------------------|
| 1 | WATER SUPPLY SYSTEM | |
| 1.1 | Tube Well Installation | |
| 1.2 | Tube Well Chamber | |
| 1.3 | Distribution Network | |
| 1.4 | Electrification for Water Supply (Electrical) | |
| 1.5 | Stand Post with Storage Tanks | |
| 1.6 | Precast Boundary Wall for Water Supply | |
| 2 | SEWERAGE SYSTEM | |
| 2.1 | Covered Drains | |
| 2.2 | Septic Tank | |
| 3 | ESMP COST | |
| 4 | Brick Soling | |
| 5 | Soakage Pit | |
| 6 | Employer/Engineer's Facilities | |
| | TOTAL COST (Rs.) | |

**Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II
(Alipur, Shujabad & Taunsa) (Phase-1)**

JHOK BHUTTA, TEHSIL TAUNSA

| Bill No.1.1 | | Tube Well Installation | | | | |
|-------------|------------------------------------|---|---------|----------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| 1 | 23/2a(ii) | Direct Rotary/Reverse Rotary drilling of bore for tubewells in all types of soil except shingle, gravel and rock:- | | | | |
| | | a) from ground level to 250 ft. (75 m) below ground level:- | | | | |
| | | 15" to 18" (375 to 450 mm) i/d | Per Rft | 500.00 | | |
| 2 | 23/2b(ii) | Direct Rotary/Reverse Rotary drilling of bore for tubewells in all types of soil except shingle, gravel and rock:- | | | | |
| | | b) exceeding 250 ft. (75 m) depth below ground level:- | | | | |
| | | 15" to 18" (375 to 450 mm) i/d | Per Rft | 400.00 | | |
| 3 | 6/5-f | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): | | | | |
| | | (f) Ratio 1: 2: 4 | 100 Cft | 0.45 | | |
| 4 | 23/10 | Providing and installing Fiber glass Reinforced Polypropelene (FRP) House Pipe of specified Tubewell boreholei/c thecost of male/ femalecoupling with NyloneStrip, wall thickness having slot size of 0.9 mm to 1.10 mm in studs complete in all respect as approved and directed by the Engineer | | | | |
| | | (FRP Housing pipe) | | | | |
| | | v) 8"dia (5mm thickness) | Per Rft | 200.00 | | |
| 5 | 23/9(iv) | Providing and installing Fiberglass Reinforced Polypropelene (FRP) strainer of specifid wall thickness having slot size of 0.9 mm to 1.10 mm in Tubewell borehole i/c the cost of male/female coupling with Nylone Strip, studs complete in all respect as approved and directed by the Engineer Incharge. | | | | |
| | | iv) 6" inch dia (5 mm thickness) | Per Rft | 50.00 | | |
| 6 | 23/10 | Providing and installing Fiber glass Reinforced Polypropelene (FRP) Blind Pipe of specified Tubewell boreholei/c thecost of male/ female coupling with NyloneStrip, wall thickness having slot size of 0.9 mm to 1.10 mm in studs complete in all respect as approved and directed by the Engineer Incharge | | | | |
| | | iv) 6" inch dia (5 mm thickness) | Per Rft | 190.00 | | |

**Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II
(Alipur, Shujabad & Taunsa) (Phase-1)**

JHOK BHUTTA, TEHSIL TAUNSA

| Bill No.1.1 | | Tube Well Installation | | | | |
|-------------|------------------------------------|---|-----------------------|----------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| 7 | 23/10 | Providing and installing Fiber glass Reinforced Polypropelene (FRP) bail plug of specified Tubewell borehole/c thecost of male/femalecoupling with NyloneStrip, wall thickness having slot size of 0.9 mm to 1.10 mm in studs complete in all respect as approved and directed by the Engineer Incharge | | | | |
| | | iv) 6"dia (5mm thickness) | Rft | 10.00 | | |
| 8 | 23/4 | Providing strong substantially built box of deodar wood 4'x2 ½ 'x9" (1200x750x225 mm), with compartments, lock and locking arrangement, for preserving samples of strata from bore hole. | Job for complete bore | 1.00 | | |
| 9 | 23/13 | Providing and installing PVC gravel makeup pipe 3" dia class 'B' in tube well bore hole for gravel feeding including sockets, solvents and jointing etc complete in all respect. | Rft | 50.00 | | |
| 10 | 23/17 | Shrouding with graded pea gravel 3/8" to 1/8" (10 to 3 mm), around tubewell in bore hole. | Per Cft | 537.05 | | |
| 11 | 23/5 | Furnishing sample of water from borehole per set of two bottels. | Each | 1.00 | | |
| 12 | 23/16 (i) | Testing and developing of tubewell of size 6" (150 mm) i/d and above continuously. i) upto 1.5 cs. Discharge | Per Hour | 156.00 | | |
| 13 | 23/19 | Providing and installing M.S. blind pipe socketed/welded joint, M.S. reducer (where necessary), in tubewell bore hole, including jointing/welding with strainer, etc. complete: | | | | |
| | | c) 4" i/d, 1/8" (100 mm i/d 3 mm) thick | Per Rft | 150.00 | | |
| 14 | N/S | Geophysical logging of bore (self potential resistivity Both short normal and Gama) complete in all respect. | P/Job | 1.00 | | |

**Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II
(Alipur, Shujabad & Taunsa) (Phase-1)**

JHOK BHUTTA, TEHSIL TAUNSA

| Bill No.1.1 | | Tube Well Installation | | | | |
|--------------------|---|--|-------------|-----------------|-----------------------|--------------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| 15 | N.S | Providing & mixing bentonite clay / powder have swelling factor of 1200% for lining /seal and plug earthen bore holes / ponds in the specified ratio conforming to IS:6186 for stabilization of soil as specified by the designer etc complete in all respect. | Each | 2.00 | | |
| 16 | N/S | Chemical, Physical and Arsenic Analysis of water from approved Water Testing Lab. | Each | 1.00 | | |
| 17 | N/S | Providing / fixing M.S Centralizer. | Each | 4.00 | | |
| 18 | N/S | Supply, install, testing and commissioning of submersible pump set 0.25 cfs capacity, 200ft. pumping setting depth, Bowl Assembly Head 200 feet, 6 stages, 10 HP/2pole submersible motor, 2900 RPM, Submersible cable size 3" (4Halves) , Motor Control Unit consisting of MCCB, Over/Under voltage relay, Phase reversal relay, volt meter, Ampere meter, indicating lights for all above relays, on/Off Push Buttons, All contained in a locable Cabinet complete in all respect. (including NR Valve, Sluice Valve and Air valve Pressure Gauge) | Job | 1.00 | | |
| 19 | N/S | Providing, fixing, commissioning & testing of Hypo Chlorinator consisting of multifunction dosing pump with a microcontroller (RX controller) complying to EU directives 2006/95/EC and 2004/108/EC, having capacity of 5 Liter/hour and maximum pressure of 10 bar, having standard power supply of 230V A.C ± 10%, 50 Hz single phase, Insulation protection rating of IP65, complete with all accessories like injection valve, suction hose, discharge hose, valves, RX probe, level switch, dosing tank to be installed with tubewells complete in all respect. | Job | 1.00 | | |

**Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II
(Alipur, Shujabad & Taunsa) (Phase-1)**

JHOK BHUTTA, TEHSIL TAUNSA

| Bill No.1.1 | | Tube Well Installation | | | | |
|--------------------|---|--|-------------|-----------------|-----------------------|--------------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| 20 | N/S | Providing and fixing of Flow meter Line Size: 6", DN150 Flanged, RF ANSI 150# Flow range: 32 ~ 320 m³/h Liner Material: PTFE Electrode Material: 316L Stainless Steel Body Material: Carbon Steel Power Supply: 220 VAC Output: 4 ~ 20mA Protection Class: IP68 complete as per drawing and/or directed by the Engineer complete in all respect | Each | 1.00 | | |
| | | | | | Total Rs. | |
| | | | | | Required No's | 1 |
| | | | | | Grand Total Rs. | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

Tube Well Chamber

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) | Remarks |
|---------|------------------------------------|---|-----------|----------|----------------|-------------|---------|
| 1 | 3/21 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead upto one chain (30 m)lift upto 5 ft (1.5m) | | | | | |
| | | 1) By Manual | | | | | |
| | | ii) in ordinary soil. | 1000 Cft. | 748.25 | | | |
| 2 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): | | | | | |
| | | (f) Ratio 1: 2: 4 | 100 Cft | 35.00 | | | |
| | | (i) Ratio 1: 4: 8 | 100 Cft | 170.00 | | | |
| 3 | 7/4 | Pacca brick work in foundation and plinth in: i) Cement, sand mortar Ratio 1:3 | 100 cft | 359.00 | | | |
| 4 | 6/37 | Providing and laying damp proof course of cement concrete 1:2:4 (using cement, sand and shingle), including bitumen coating: b) with 2 coats of bitumen: | | | | | |
| | | i) 1½" thick (40 mm) | 100 Sft | 84.00 | | | |
| 5 | 7/5 | Pacca brick work in ground floor (super structure) i). Cement, sand mortar Ratio 1:4 | 100 Cft | 610.00 | | | |
| 6 | 6/39 | Providing and laying vertical damp proof course with cement sand plaster and bitumen coating:- (b) with 2 coats of bitumen:- | | | | | |
| | | ii) Ratio 1:3 | | | | | |
| | | b) ¾ " thick (20mm) | 100 Sft | 68.00 | | | |
| 7 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100 Cft | 263.00 | | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

Tube Well Chamber

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) | Remarks |
|---------|------------------------------------|--|---------|----------|----------------|-------------|---------|
| 8 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | | |
| | | (3) Type C (nominal mix 1: 2: 4) | Per Cft | 208.58 | | | |
| 9 | 6/12 c | Providing and fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labor charges for binding of steel reinforcement (also includes removal of rust from bars), Deformed bars (Grade 60) | 100 Kg | 757.10 | | | |
| 10 | 11/9 | Cement pointing struck joints, on walls, upto 20' (6.00 m) hieght:- b) ratio 1:3 | 100 Sft | 1,118.60 | | | |
| 11 | 11/9 | Cement plaster 1:4 upto 20' (6.00 m) height:- b) ½" (13 mm) thick | 100 Sft | 1,114.53 | | | |
| 12 | 11/12 | Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height b) 1:3 | 100 Sft | 198.75 | | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

Tube Well Chamber

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) | Remarks |
|---------|------------------------------------|---|---------|----------|----------------|-------------|---------|
| 13 | 10-22 | Providing & Laying mosaic flooring consisting of one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips,laid over 1"(25 mm) thick flooring of 1:2:4 cement concrete including rubbing and polishing complete with finishing :- b) 1 ½ "(40 mm) thick mosaic flooring, consisting of ½ "(13mm) mosaic topping (ii) using white cement | 100 Sft | 25.00 | | | |
| 14 | 10-35 | Mosaic dado or skirting with one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over ½ "(13 mm) thick cement plaster 1:3, including rubbing and polishing, complete with finishing: (b) using white cement : ii) ½ "(13 mm) thick | 100 Sft | 63.00 | | | |
| 15 | 10/43 | Providing and laying Tuff Pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope . complete in all respect. (50% Grey / 50% Coloured) a) 50-mm thick | Sft | 93.45 | | | |
| 16 | 9/5 | Single layer of tiles 9"x4 ½ "x1 ½ " (225x113x40 mm) laid over 4"(100 mm) earth and 1" (25 mm) mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs.per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded. | 100 Sft | 226.63 | | | |
| 17 | 13/33 | Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect: a) new surface: i) 1st coat ii) 2nd coat | 100 Sft | 86.73 | | | |
| | | | 100 Sft | 86.73 | | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

Tube Well Chamber

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) | Remarks |
|---------|------------------------------------|---|---------|----------|----------------|-------------|---------|
| 18 | 11/26 | White washing a) new surface:- iii) three coats | 100 Sft | 930.32 | | | |
| 19 | 25/62 | P/F Iron door comprising of specified leaves made of 1-1/4" x1-1/4" x3/16" MS angle iron for leaf frame, diagonal and horizontal braces duly welded with MS. sheet 18-SWG i/c the cost of sliding bolt, tower bolt and painting 3-coats but excluding the cost of Chowkat complete in all respect as approved and directed by the Engineer incharge. | | | | | |
| | | (ii) Double Leaf | Per Sft | 43.00 | | | |
| 20 | 12/15 | Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete:- a) M.S. angle iron 1 1/2 "x 1 1/2 "x 1/4 " (40x40x6 mm) welded with M.S. flat 2"x 1/4" (50 mm x 6 mm) | Per Sft | 43.00 | | | |
| 21 | 25/41 | Providing and fixing steel windows with openable glazed panels, using beam section for frame 1 1/2 "x1"x5/8"x1/8" (40x25x16x3 mm), Z-section for leaves 3/4 "x1"x 3/4 "x1/8" (20x25x20x3 mm), T-section sashes 1"x1"x1/8" (25x25x3mm), glass panes, wooden screed for glazing embedded over a thin layer of putty duly screwed with leaves, brass fittings, holdfast, duly painted, complete in all respects, including all cost of material and labour, etc. as per approved design and as directed by the Engineer-in charge:- b) fixed with wire gauze, 22 SWG v) glass pane 5 mm thick | Per Sft | 54.25 | | | |
| 22 | 25/58 | Providing and fixing M.S. flat 1/2 "x1/8" (13mm x 3mm) grill including 3/4" x 1/8" (20 mmx3 mm) M.S. flat frame, in windows of approved design, including painting three coats, complete in all respects. | Per Sft | 54.25 | | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

Tube Well Chamber

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) | Remarks |
|---------|------------------------------------|---|----------|----------|----------------|-------------|---------|
| 23 | 25/10+ 11 | Fabrication & Erection of heavy steel work, with angle, tees, flat iron round iron and sheet iron for making trusses, girders, tanks, etc., including cutting, drilling, revitting, handling, assembling and fixing, including erection in position. (Top Cover, Base Plate & Girder) | 100 Kg | 221.52 | | | |
| 24 | 23-52 | Providing and fixing Chain Pulley Block of 5 ton capacity with 5 meter length of chain, as per required specifications complete in all respect and as approved by the Engineer Incharge. | Each | 1.00 | | | |
| 25 | 13/5 c | Painting new surface:- Preparing surface and painting of doors and windows any type (including edges):- (Chowkath Only) a) Priming coat | 100 Sft | 43.00 | | | |
| | | b) Two Coats | 100 Sft | 43.00 | | | |
| 26 | 9/15 | Khuras on roof 2'x2'x6" (600 x 600 x 150 mm) | Each | 2.00 | | | |
| 27 | 9/16 | Bottom Khuras of brick masonry in cement mortar 1:6, 4' x 2' x 4.5" over 3" cement concrete 1:4:8 | Each | 2.00 | | | |
| 28 | 19/47 | Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS4514 / BS5255 - EN 1329 including thecost of specials and Solvents complete in all respects, as per drawings& specifications and / or as approved and directed by the Engineer | Rft | 25.00 | | | |
| 29 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. (crushed stone aggregate and bajri used in concrete items) (Form Sargodha Quarry) | 100 Cft. | 390.12 | | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

Tube Well Chamber

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) | Remarks |
|---------|------------------------------------|---|------|----------|----------------|-------------|---------|
| | | Plumbing Items | | | | | |
| 30 | 19-16 | Providing and fixing, chromium plated soap dish. | Each | 1.0 | | | |
| 31 | 19-5 | Providing and fitting white glazed earthen ware water closet squaratter type, with separate foot rest. | Each | 1.0 | | | |
| 32 | 19-7 | Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc | | | | | |
| | | i) white, with pedestal | Each | 1.0 | | | |
| 33 | 19-30 | Providing and fitting, chromium plated or brass oxidised, swan neck cock 15 mm (1/2") dia. i) single way | Each | 1.0 | | | |
| 34 | 19/23 | Providing and fixing Bathroom Accessories (7-piece set) Master brand - One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass i/c the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge. | | | | | |
| | | i) Plastic soap dish | Each | 1.0 | | | |
| | | vi) Looking glass with plastic frame | Each | 1.0 | | | |
| 35 | 19/52 | Providing and fixing CP bath Room Set made of Sonex/Master/Faisal or approved equvilent manufacturer, comprising of 3-No Tee stop cocks, lever type Basin Mixer, double Bib Cock, open wall shower, Muslim shower,waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge. | | | | | |
| | | (i) 3 No Tee Stop Cock (set) | Each | 1.0 | | | |
| | | (vi) Waste Coupling | Each | 1.0 | | | |
| 36 | 19/27 | Providing and fixing chromium plated | Each | 3.0 | | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

Tube Well Chamber

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) | Remarks |
|---------|------------------------------------|---|------|----------|----------------|-------------|---------|
| 37 | 19/49 | Providing, fixing, testing and commissioning of μ -PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe Fittings make of Dadex /Popular/Beta or approved equivalent manufacturer, conforming to BS 4514 / BS 5255 including the cost of Solvents complete in all respect as approved and directed by the Engineer Incharge. | | | | | |
| | | c) Vent Cowel | | | | | |
| | | (iii) 2" dia | Each | 1.0 | | | |
| | | d) Clean Out | | | | | |
| | | (ii) 3" dia | Each | 1.0 | | | |
| | | PIPING & VALVES | | | | | |
| 38 | 23-33 | Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe (Dadex /Popular/Beta or approved equivalent manufacturer, with specified pressure rating PN (PRESSURE NOMINAL)and conforming to DIN 8077-8078 code i/c cost of solvent, specials,making jharries complete in all respect as approved and directed by Engineer Incharge.(Internal/External Diameters mentioned). | | | | | |
| | | b) PN-20 pipe | | | | | |
| | | ii) 25 mm | Rft | 100.0 | | | |
| 39 | 23/38 | Providing and fixing CP heavy duty brass Ball valve with CP handle of specified diameter made of Faisal/Sonex / Master best quality or equivalent complete in all respect as approved and directed by theEngineer Incharge. | | | | | |
| | | iii) 1" dia | Each | 1.0 | | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

Tube Well Chamber

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) | Remarks |
|------------------------|------------------------------------|--|------------|----------|----------------|-------------|---------|
| 40 | 19/47 | Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS4514 / BS5255 - EN 1329 including the cost of specials and Solvents complete in all respects, as per drawings & specifications and / or as approved and directed by the Engineer Incharge (iv) 82mm | | | | | |
| | | (iv) 82mm | Rft | 50.0 | | | |
| 41 | 19-34 | Providing and fixing, floor trap of cast iron, including concrete chamber all round, and C.I. grating:- | | | | | |
| | | (ii) 10x7.5 cm (4"x3") | Each | 2.0 | | | |
| 42 | 19-51 | Providing and hoisting vertical/ horizontal type storage tank of required capacity made of rotationally molded from (HDPE), double ply polyethelene of approved manufacturer i/c cost of making connection for inlet/outlet pipe, float valve i/c all cost of specials & labour complete in all respect as approved and directed by the Engineer | Per Gallon | 100.0 | | | |
| Total Rs. | | | | | | | |
| Required No's | | | | | | 1.00 | |
| Grand Total Rs. | | | | | | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

Distribution Network

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|---------|----------|----------------|-------------|
| 1 | 4/19 | Dismantling | | | | |
| | | Dismantling cement concrete with brick aggregate | 100Cft | 60.00 | | |
| 2 | 4/46 | Dismantling and removing road pavement, etc., including screening and stacking of byproducts upto one chain lead (30 metre). | 100Cft | 45.60 | | |
| 3 | 4/29 | Dismantling brick or flagged flooring without concrete foundation. | 100Sft | 15.46 | | |
| 4 | 3/46 | Excavation of trenches in all kinds of soil, except cutting rock, for watersupply pipelines upto 5 ft. (1.5 m) depth from ground level, including trimming, dressing sides, levelling the beds of trenches to correct grade and cutting pits for joints, etc. complete in all respects. | 1000Cft | 63.78 | | |
| 5 | 23/30 | Providing, laying, cutting, jointing, testing and disinfecting High Density Polyethylene Pipe (HDPE-100) working presure pipe, Beta/ Dadex/ Popular/ IIL or equivalent including the cost of specials, in trenches, as approved & directed by the engineer incharge, complete in all respects. | | | | |
| | | a) PN-6 (SDR-26) | | | | |
| | | 3" (90mm) o/d | Rft. | 9,394.00 | | |
| | | 4" (110mm) o/d | Rft. | 251.00 | | |
| | | a) PN-8 (SDR-26) | | | | |
| | | 6" (150mm) o/d | Rft. | 120.00 | | |
| 6 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate). (Provisional Qty) | | | | |
| | | (f) Nominal Ratio 1: 2: 4 | 100Cft | 15.00 | | |
| | | Restoration | | | | |
| | 21/8 | Restoration of brick pavement on edge, over laid service line, with 2" (50 mm) sand cushion under soling. | 100Sft | 120.31 | | |
| | 21/10 | Restoration of metalled road, on laid service line, including compaction: | | | | |
| | | a) Carpetted road, with 2" (50 mm) carpet and 10" (250 mm) depth of stone metal for sub-base and base. | 100Sft | 90.00 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

Distribution Network

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|----------|----------|----------------|-------------|
| | | Valve Chambers | | | | |
| 7 | 4/45 | Dismantling and removing road metalling. | 100 Cft | 0.47 | | |
| 8 | 4/46 | Dismantling and removing road pavement, etc., including screening and stacking of byproducts upto one chain lead 30 metre). (Base, Sub Base, soling and tuff Paver etc.) | 100 Cft | 4.74 | | |
| 9 | 3/21 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) | | | | |
| | | 2) a) By Excavator | | | | |
| | | ii) Ordinary soil | 1000 Cft | 2.47 | | |
| | | | | | | |
| 10 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): | | | | |
| | | (i) Ratio 1: 4: 8 | 100 Cft | 1.88 | | |
| | | (f) Ratio 1: 2: 4 | 100 Cft | 3.28 | | |
| | | | | | | |
| 11 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |
| | | (3) Type C (nominal mix 1: 2: 4) | Cft | 87.21 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

Distribution Network

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|-------------------|----------------------|----------------|-------------|
| 12 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor (crushed stone aggregate and bajri used in concrete items) Lead From nearest quarry (250km) | 100 Cft | 5.39 | | |
| 13 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- (c) Deformed bars (Grade-60) | 100 Kg | 4.75 | | |
| 14 | 7/7 | Pacca brick work other than building upto 10ft. (3 m) height. i) cement, sand mortar:- Ratio 1:3 | 100 Cft | 6.74 | | |
| 15 | 11/8 | Cement plaster 1:3 upto 20' (6.0 m) height:- b) 1/2"(13mm) thick | 100 Sft | 17.97 | | |
| 16 | 21/16 | RPC Manhole Cover Manufactured with 100% Recycled Plastic Composite Material, 650 mm (26"dia) with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (31.1") with average breaking load capacity of 10 Ton and weight including frame of 50 kg (Minimum) | Per set | 15.00 | | |
| 17 | 23/35 | Providing and fixing sluice valve of B.S.S. quality and weight, Class `B', for cast iron pipe line, and Asbestos cement pipe line (including cost of jointing material):- 3 "(90mm) o/d 4 "(110mm) o/d 6 "(150mm) o/d | No. No. No. | 8.00 3.00 8.00 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

Distribution Network

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|------|----------|----------------|-------------|
| 18 | 23/37 | Providing and fixing, air valve 2½" (65mm) dia of B.S.S. quality and weight (complete with jointing material). b) double | Each | 1.00 | | |
| 19 | N/S | Providing & installation of GI water supply house connection pipe including 15mm (1/2") HDPE pipe from distribution line to plinth level, 1/2" inner dia GI pipe 4 ft height from plinth level of building, GI saddle clamp, brass ferrule double action complete in all respects also Water Meter (Dry Dial). It including (1/2") saddle clamp 110mmx 1/2" brass feurrel 1/2", HDPE pipe connector for ferrule valve joint, 15mm x 1/2" nipple, 15mm female elbow, 15mm x 1/2" GI pipe (4ft & 1ft). it also it also includes carriage, loading and unloading complete in all respect as per drawings, specifications and as directed by the Engineer. | | | | |
| | | | No. | 370.00 | | |
| | | | | | | |
| | | | | | Total Rs. | |

| Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1) | | | | | | |
|---|------------------------------------|---|------|----------|-------------------|-------------|
| JHOK BHUTTA, TEHSIL TAUNSA | | | | | | |
| Electrification for Water Supply (Electrical) | | | | | Detailed Estimate | |
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| 1 | 24/3 (a-iii) | Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials. a) Recessed in walls i/c making jharries iii) 25 mm i/d | Rft. | 150.00 | | |
| 2 | 24/3 (a-ii) | Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials. a) Recessed in walls i/c making jharries iii) 20 mm i/d | Rft. | 100.00 | | |
| 3 | 24/3 (a-vi) | Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials. a) Recessed in walls i/c making jharries vi) 50 mm i/d | Rft. | 50.00 | | |
| 4 | 24/3 (a-viii) | Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials. a) Recessed in walls i/c making jharries viii) 100 mm i/d | Rft. | 100.00 | | |
| 5 | 24/8 (a-i) | Supply and erection of single core PVC insulated copper conductor cables, in pre-laid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing and capping/G.I. wire/trenches (rate for cables only):- a) 250/440 volts, PVC insulated: i) 3/0.74 mm (3/0.029") | Rft. | 900.00 | | |
| 6 | 24/8 (a-iii) | Supply and erection of single core PVC insulated copper conductor cables, in pre-laid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing and capping/G.I. wire/trenches (rate for cables only):- a) 250/440 volts, PVC insulated: iii) 7/0.74 mm (7/0.029") | Rft. | 900.00 | | |

| Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1) | | | | | | |
|---|------------------------------------|--|------|----------|-------------------|-------------|
| JHOK BHUTTA, TEHSIL TAUNSA | | | | | | |
| Electrification for Water Supply (Electrical) | | | | | Detailed Estimate | |
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| 7 | 24/8 (a-iv) | Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):- a) 250/440 volts, PVC insulated: iv) 7/0.91 mm (7/0.036") | Rft. | 300.00 | | |
| 8 | 24/11 (c-viii) | Supply and erection of PVC insulated, PVC sheathed copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only):- c) Four core, 600/1000 volt non armoured cable:- viii) 25 mm (19/0.052") | Rft. | 100.00 | | |
| 9 | 24/10 (iv) | Supply and erection of single core PVC insulated, PVC sheathed copper conductor, 600/1000 volts grade cable, in prelaid G.I. pipe/M.S. conduits/PVC pipe/G.I. wire/ trenches, etc (rate for cable only):- iv) 16 mm sq (7/0.064") | Rft. | 200.00 | | |
| 10 | 24/10 (iii) | Supply and erection of single core PVC insulated, PVC sheathed copper conductor, 600/1000 volts grade cable, in prelaid G.I. pipe/M.S. conduits/PVC pipe/G.I. wire/ trenches, etc (rate for cable only):- iii) 10 mm sq (7/0.052") | Rft. | 60.00 | | |
| 11 | 24/105 (b-i) | P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches/ sockets/ dimmer made of Legrand/ ABB/ Schenider or approved equivalent manufacturer, screws complete in all respect, as approved and directed by the Engineer Incharge b) One way Gange Switch (Large) (i) 04 Gange | Each | 1.00 | | |
| 12 | 24/105 (b-iii) | P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches/ sockets/ dimmer made of Legrand/ ABB/ Schenider or approved equivalent manufacturer, screws complete in all respect, as approved and directed by the Engineer Incharge b) One way Gange Switch (Large) (iii) 06 Gange | Each | 1.00 | | |

| Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1) | | | | | | |
|---|------------------------------------|---|------|----------|-------------------|-------------|
| JHOK BHUTTA, TEHSIL TAUNSA | | | | | | |
| Electrification for Water Supply (Electrical) | | | | | Detailed Estimate | |
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| 13 | 24/105 (a-i) | P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches/ sockets/ dimmer made of Legrand/ ABB/ Schenider or approved equivalent manufacturer, screws complete in all respect, as approved and directed by the Engineer Incharge a) One way Gange Switch (Small) (vi) Fan Dimmer | Each | 1.00 | | |
| 14 | 24/105 (a-iv) | P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches/ sockets/ dimmer made of Legrand/ ABB/ Schenider or approved equivalent manufacturer, screws complete in all respect, as approved and directed by the Engineer Incharge a) One way Gange Switch (Small) (iv) Three pin Light Plug 10/13 Amp | Each | 1.00 | | |
| 15 | 24/106 (ii) | Supply, installation, testing & commissioning of 16 SWG Sheet Steel powder coated back Boxes with earth terminal, recessed in wall, including accessories, , complete in all respect as per specifications and as approved by Engineer Incharge. ii) Large 6"x3" | Each | 1.00 | | |
| 16 | 24/106 (i) | Supply, installation, testing & commissioning of 16 SWG Sheet Steel powder coated back Boxes with earth terminal, recessed in wall, including accessories, , complete in all respect as per specifications and as approved by Engineer Incharge. i) Small 3"x3" | Each | 1.00 | | |
| 17 | 24/102 (a-ii) | Providing and fixing Pakistan Energy Label NEECA approved Copper winded Exhaust Fan i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge. a) Plastic body (ii) 12" Dia | Each | 1.00 | | |
| | | | | | | |

| Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1) | | | | | | |
|---|------------------------------------|---|-------|----------|-------------------|-------------|
| JHOK BHUTTA, TEHSIL TAUNSA | | | | | | |
| Electrification for Water Supply (Electrical) | | | | | Detailed Estimate | |
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| 18 | 24/103 (ii) | Providing and fixing Pakistan Energy Label NEECA approved Copper winded wall Bracket Fan i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge. (ii) 24" Sweep | Each | 1.00 | | |
| 19 | 24/45 (i) | Supply and erection of tube light, including rod, choke, starter with frame, flexible wire, including connection from ceiling rose, etc., complete. i) double rod (80 watts) with two chokes and 2 starters. | Each | 2.00 | | |
| 20 | 24/45 (ii) | Supply and erection of tube light, including rod, choke, starter with frame, flexible wire, including connection from ceiling rose, etc., complete. ii) single rod (40 watts) with two chokes and 2 starters. | Each | 2.00 | | |
| 21 | 24/94 (a-i) | P/F floor mounted Electric Panel board of required depth and size, fabricarted with 14SWG M.S sheet (Indoor/Outdoor Type), derusting, zinc Phosphated, finish with electrostatic powder coating in approved colour i/c the cost of capacitor trip unit overcurrent, Lock, Indication lights, Brass glands, Netural &Earth bar ,Digital voltmeter/ Ampmeter, Slector switchs, Current Transformers, Controles, Channels, Copper busbars of specified capacity, Door Earthing, complete in all respects as approved and directed by the Engineer Incharge (Breakers will be Paid Separately). 1. LT Switchboards a) 2.50 Ft deep (i)250~600A | P.Cft | 38.00 | | |
| 22 | 24/86 (a-ii) | Supplying, Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A/ SCHNEIDER GERMANY/ TERASAKI JAPAN/ SIEMEN/ ABB SWITZERLAND or approved equivalent manufacturer (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge a) Triple Pole (ii) 15-100 Amp (10 KA,15KA) | Each | 1.00 | | |

**Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II
(Alipur, Shujabad & Taunsa) (Phase-1)**

JHOK BHUTTA, TEHSIL TAUNSA

| Electrification for Water Supply (Electrical) | | | | Detailed Estimate | | |
|---|------------------------------------|---|-------|-------------------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| 23 | 24/86 (a-i) | Supplying, Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A/ SCHNEIDER GERMANY/ TERASAKI JAPAN/ SIEMEN/ ABB SWITZERLAND or approved equivalent manufacturer (with fixed Thermal-Magnetic Trip) in pre-laid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge a) Triple Pole (i) 15-63 Amp (7.5 KA) | Each | 1.00 | | |
| 24 | 24/90 | P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessed/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble, Copper Comb, Wiring, Neutral & Earth Bar, Door Earthing, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Ammeter selector switch, Current Transformers and Controles Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately). (a) 6" deep (i) 20~60A | P.Cft | 0.75 | | |
| | | | | | | |

**Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II
(Alipur, Shujabad & Taunsa) (Phase-1)**

LANGERWAH AND SUNDER, TEHSIL ALI PUR

| Electrification for Water Supply (Electrical) | | | StandP ost | | | |
|---|---|--|---------------|----------|-------------------|----------------|
| Sr. No. | MRS 2nd Bi- Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| 1 | 24/3 (a-iii) | Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials. a) Recessed in walls i/c making jharries iii) 25 mm i/d | Rft. | 45.00 | | |
| 2 | 24/9 | Supply and erection of single core PVC insulated, PVC sheathed copper conductor, 250/440 volts grade cable (BSS-2004), in prelaidd PVC pipes/M.S. conduit/G.I. pipe/wooden strip batten/wooden casing and capping/trenches, etc. (rate for cable only): | | | | |
| | | i) 3/0.74 mm (3/0.029") | Rft. | 120.00 | | |
| | | iii) 7/0.74 mm (7/0.029") | Rft. | 115.00 | | |
| 3 | 24/104 | Providing and fixing Pakistan Energy Label NEEC Approved Copper winded CeilingFan i/c thecost of necessary cable and hardware for connection as approved and directed by Engineer Incharge. | Each | 2.00 | | |
| | | iii) 56" dia | | | | |
| 4 | 24/105 | P/FPVC double layer Switchkit Faceplate with specified switch holes i/c the cost of switches/sockets/dimmermade of Legrand/ABB/Schenider or approved equivalent manufacturer, screws complete inall respect, as approved and directed by the Engineer Incharge | | | | |
| | | a) One way Gange Switch (Small) | | | | |
| | | (ii) 02 Gange | Each | 2.00 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

Stand Post with Storage Tanks

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|---------|----------|----------------|-------------|
| 1 | 3/21/1/ii | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) a) By Manual | | | | |
| | | in ordinary soil. | 100Cft | 0.21 | | |
| 2 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): | | | | |
| | | (f) Ratio 1: 2: 4 | 100Cft | 1.96 | | |
| 3 | 6/2 | Dry rammed brick or stone ballast, 1½" to 2" (40 mm to 50 mm) gauge. | | | | |
| | | Under Stand Post Footing | 100Cft | 0.49 | | |
| 4 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): | | | | |
| | | i) Ratio 1: 4: 8 | 100Cft | 0.21 | | |
| 5 | 6/3 | Cement concrete brick or stone ballast 1½" to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- | | | | |
| | | (d) Ratio 1: 6:12 | 100Cft | 0.25 | | |
| 6 | 7/4/i | Pacca brick work in foundation and plinth in:- | | | | |
| | | Cement, sand mortar:- Ratio 1:5 | 100Cft | 5.91 | | |
| 7 | 7/5 | Pacca brick work other than building upto 10ft. (3 m) height. | | | | |
| | | i) Cement, sand mortar:- Ratio 1:6 | 100Cft | 0.41 | | |
| 8 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Per.Cft | 292.50 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

Stand Post with Storage Tanks

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|---------|----------|----------------|-------------|
| 9 | 6/12-c | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- | | | | |
| | | Deformed bars (Grade-60) | 100 Kg | 12.42 | | |
| 10 | 10/21 | 1-3/8" (35mm) thick mosaic flooring consisting of 3/8"(10 mm) mosaic topping of one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over 1"(25 mm) thick flooring of 1:2:4 cement concrete including rubbing and polishing complete:- (a) using grey cement | | | | |
| | | Floor | 100 Sft | 1.49 | | |
| 11 | 10/37 | Mosaic dado or skirting with one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over 1/2 "(13 mm) thick cement plaster 1:3, including rubbing and polishing, complete with finishing: (a) using grey cement: i) 3/8"(10 mm) thick | | | | |
| | | Side Wall | 100 Sft | 1.53 | | |
| 12 | 6/31 A | Providing and embedding 10" (250mm) wide PVC water stopper in expansion joints of RCC structures (Retaining walls, water tanks, Slabs) complete in all respect. | Per Rft | 51.00 | | |
| 13 | 10/3 | Supplying and filling sand under floor; or plugging in Wells | | | | |
| | | | 100Cft | 0.37 | | |
| 14 | 10/43 | Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting/dado of specified size, Color and Shade with adhesive/ bond over 1/2"thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. | | | | |
| | | a) Full body Glazed tiles | | | | |
| | | (i) 400 mm x 400 mm | P.Sft | 612.00 | | |
| 15 | 11/10-b | Cement plaster 3/8" (10 mm) thick under soffit of RCC. roof slabs only, upto 20' height. Ratio 1:3 | 100 Sft | 7.42 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

Stand Post with Storage Tanks

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|---------|----------|----------------|-------------|
| 16 | 10/41 | Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope . complete in all respect. (50% Grey / 50% Coloured) | | | | |
| | | b) 60-mm thick | P.Sft | 153.00 | | |
| 17 | 11/9-c | Cement plaster 1:4 upto 20' (6.00 m) height:- 3/4" (20 mm) thick | 100 Sft | 3.73 | | |
| 18 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. (crushed stone aggregate and bajri used in concrete items) (Lead 250 Km) | 100 Cft | 2.17 | | |
| 19 | 19/24 | Providing and fixing chromium plated pillar-cock, heavy:- i) 2 cm (¾") | Each | 6.00 | | |
| 20 | 19/34 | Providing and fixing, floor trap of cast iron, including concrete chamber all round, and C.I.grating:- ii) 10x7.5 cm (4"x3") | Each | 2.00 | | |
| 21 | 21/1 | Providing and laying R.C.C. pipe, moulded with cement concrete 1:1 ½ :3, with spigot socket or collar joint, etc. including cost of reinforcement, conforming to B.S. 5911:Part I: 1981, Class "L" including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing, cutting pipes where necessary, finishing and testing, etc., complete. | | | | |
| | | i) 100 mm (4") i/d | P.Rft | 30.00 | | |
| | | ii) 150 mm (6") i/d | P.Rft | 50.00 | | |
| 22 | 21/8 | Constructing standard gully grating chamber, 3' x 2 ½ ' (900x750 mm), with chinaware trap as per PHED Drawing STD/PD No. 3 of 1977, complete in all respects | Each | 1.00 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

Stand Post with Storage Tanks

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|------------|----------|----------------|-------------|
| 23 | 19/51 | Providing and hoisting vertical/ horizontal type storage tank of required capacity made of rotationally molded from (HDPE), double ply polyethelene of approved manufacturer i/c cost of making connection for inlet/outlet pipe, float valve i/c all cost of specials& labour complete in all respect as approved and directed by the Engineer Incharge. | Per Gallon | 1,000.00 | | |
| 24 | NS | Providing and installation for 5000 GPD commercial RO plant mineral water filtration reverse osmoosis system | Each | 1.00 | | |
| 25 | 23/32 | P/F Ejector Pump of specified Suction and Delivery heads,coupled with Single Phase Seimen Electric Motor of required rating for water supply i/c the cost of connection charges, necessary wire, PVC pipes etc complete in all respect as approved and directed by the Engineer Incharge. | | | | |
| | | ii) G-IV (2-1/2"x2") with 2.5 HP Electric Motor, 38-Mtr Suction and 38 M delivery head | Each | 1.00 | | |
| 26 | 22/1 | Boring for tubewell in all types of soil except shingle and Chap. 2 rock, from ground level to specific depth, including sinking and withdrawing of casing pipe, complete:- | | | | |
| | | 1 Upto 0 to 100' depth | | | | |
| | | c) 5" (125 mm) i/d | P.Rft | 100.00 | | |
| | | 2 Upto 101' to 200' depth | | | | |
| | | a) 5" (125 mm) i/d | P.Rft | 50.00 | | |
| 27 | 23/10 | Providing and installing Fiber glass Reinforced Polypropelene (FRP) House Pipe of specified Tubewell boreholei/c thecost of male/femalecoupling with NyloneStrip, wall thickness having slot size of 0.9 mm to 1.10 mm in studs complete in all respect as approved and directed by the Engineer | | | | |
| | | (FRP Housing pipe) | | | | |
| | | ii) 3"dia (5mm thickness) | Per Rft | 50.00 | | |
| 28 | 23/9(iv) | Providing and installing Fiberglass Reinforced Polypropelene (FRP) strainer of specifid wall thickness having slot size of 0.9 mm to 1.10 mm in Tubewell borehole i/c the cost of male/female coupling with Nylone Strip,studs complete in all respect as approved and directed by the Engineer Incharge. | | | | |
| | | ii) 3" inch dia (5 mm thickness) | Per Rft | 50.00 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

Stand Post with Storage Tanks

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|---------|----------|------------------------|-------------|
| 29 | 23/10 | Providing and installing Fiber glass Reinforced Polypropelene (FRP) Blind Pipe of specified Tubewell boreholei/c thecost of male/ female coupling with NyloneStrip, wall thickness having slot size of 0.9 mm to 1.10 mm in studs complete in all respect as approved and directed by the Engineer Incharge | | | | |
| | | ii) 3"dia (5mm thickness) | Per Rft | 50.00 | | |
| 30 | 23/10 | Providing and installing Fiber glass Reinforced Polypropelene (FRP) bail plug of specified Tubewell boreholei/c thecost of male/ femalecoupling with NyloneStrip, wall thickness having slot size of 0.9 mm to 1.10 mm in studs complete in all respect as approved and directed by the Engineer Incharge | | | | |
| | | ii) 3"dia (5mm thickness) | Rft | 10.00 | | |
| 31 | 6/5-f | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): | | | | |
| | | (f) Ratio 1: 2: 4 | 100 Cft | 0.06 | | |
| | | | | | | |
| | | | | | Total Rs. | |
| | | | | | Required Unit | 2 |
| | | | | | Grand Total Rs. | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

Precast Boundary Wall for Water Supply

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|-----------|----------|----------------|-------------|
| 1 | 3/21 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead upto one chain (30 m)lift upto 5 ft (1.5m) | | | | |
| | | 1) By Manual | | | | |
| | | ii) in ordinary soil. | 1000 Cft. | 731.25 | | |
| 2 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): | | | | |
| | 1:6:12 | (i) Ratio 1: 4: 8 | 100 Cft | 126.00 | | |
| | | (f) Ratio 1: 2: 4 | 100 Cft | 193.00 | | |
| 3 | 7/4 | Pacca brick work in foundation and plinth in: i) Cement, sand mortar Ratio 1:5 | 100 cft | 183.00 | | |
| 4 | 7/7 | Pacca brick work other than building upto 10ft. (3 m) height. i) cement, sand mortar:- Ratio 1:4 | 100 Cft | 201.00 | | |
| 5 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |
| | | (3) Type C (nominal mix 1: 2: 4) | Per Cft | 20.00 | | |
| 6 | | (c) Reinforced cement concrete in Pile cap, slab of rafts / strip foundation, base slab of column and retaining walls; etc and footing beams, other structural members other than those mentioned in 6(a-d) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- | | | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

Precast Boundary Wall for Water Supply

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|-----------|----------|----------------|-------------|
| | | (3) Type C (nominal mix 1: 2: 4) | Per Cft | 28.13 | | |
| 7 | 6/12 c | Providing and fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labor charges for binding of steel reinforcement (also includes removal of rust from bars), Deformed bars (Grade 60) | 100 Kg | 174.70 | | |
| 8 | 11/9 | Cement plaster 1:4 upto 20' (6.00 m) height:- b) ½" (13 mm) thick | 100 Sft | 364.00 | | |
| 9 | 13/33 | Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect: a) new surface: | | | | |
| | | i) 1st coat | 100 Sft | 180.00 | | |
| | | ii) 2nd coat | 100 Sft | 180.00 | | |
| 10 | 25/31 | Making and fixing steel grated door with 1/16" thick (1.5mm) sheeting, including angle iron frame 2"x2"x3/8" (50x50x10 mm) and ¾" (20 mm) square bars 4" (100 mm) centre to centre, with locking arrangement. | Per Sft | 90.00 | | |
| 11 | 13/5 d | Painting new surface:- Preparing surface and painting guard bars, gates of iron bars, gratings, railing (including standards, braces, etc.) and in similar open work:- a) Priming coat | 100 Sft | 180.00 | | |
| | | b) Two Coats | 100 Sft | 180.00 | | |
| 12 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. (crushed stone aggregate and bajri used in concrete items) (Form Sargodha Quarry) | 100 Cft. | 308.40 | | |
| 13 | 3/15 | Filling, watering and ramming earth under floors:- ii) With new earth excavated from outside, lead upto one chain (30 m). | 1000 Cft. | 8,775.00 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

Precast Boundary Wall for Water Supply

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|-----------|----------|----------------|-------------|
| 14 | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) (Total 5 Km Lead) | | | | |
| | | a) Upto ¼ mile (400 m) | 1000 Cft. | 8,775.00 | | |
| | | b) For every 330 ft. (100 m) additional lead or part thereof, beyond ¼ mile (400 m) upto one mile. (1.6 Km.)x12 | 1000 Cft. | 8,775.00 | | |
| 15 | 6/2 | Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50 mm) gauge. | 100 Cft. | 965.25 | | |
| 16 | 18/20 | Providing and laying dry brick pavement/soling in streets or roads, etc. sand grouted, laid in proper camber, including preparation, watering, compaction of bed to proper camber, and sand cushion. | 100 Cft. | 761.03 | | |
| 17 | 25/75 (i) | Providing and fixing anti climb high security galvanized razor cut wire fencing having double sharp four U-shaped pointed 0.5 mm thick (22mmx15 mm barbs) spaced @ 33 mm c/c clad over 2.5 mm dia high tensile Core wire making coil fencing of specified diameter @ 4" c/c fixed on 2'-3" high M/S angle iron post 1 ½ "x1 ½ "x3/16"embeded in base of PCC (1:2:4) (4"x4"x9") @ 4' apart i/c the cost of 2 No. bars 3/8" dia welded horizontally with angle iron posts , binding wire, painting of posts, etc. complete in all respects as pproved and directed by the Engineer incharge. | | | | |
| | | (ii) 18 " diameter | Rft | 176.00 | | |
| 18 | N.S | Providing and laying of Local Grass in yard with 3' wide stric for soling on edg, 200 Sft area for grass and 2 No bench and local tree up to 24" girth. Complete in all respect as instruction of engineer. | Sft | 200.00 | | |
| 19 | 24/64 | Supply and erection of street light pole bracket 30 mm (1¼") G.I. pipe 2 metre long, complete with 2 No. pole clamp. | Each | 2.00 | | |
| 20 | 24/66 | Supply and fitting of mercury vapour lamp, complete with choke set ii) 250 watt lamp | No | 2.00 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

Precast Boundary Wall for Water Supply

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|------|----------|------------------------|-------------|
| 21 | NS | Providing and Fixing in Position Precast boundary wall of standard size as per drawing and direction of the engineer incharge. The rate of Boundary wall includes wall Pannels of size (2"x1'x8'), columns (6"x6.5"x7') with Cap,transported to site,loading/unloading and fixing in position finished, complete in all respect. | Rft | 176.00 | | |
| | | | | | Total Rs. | |
| | | | | | Required No.s | 3 |
| | | | | | Grand Total Rs. | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

Covered Drains

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|--|-----------|-----------|----------------|-------------|
| 1 | 4/46 | Dismantling and removing road pavement, etc., including screening and stacking of byproducts upto one chain lead 30 metre). (Base, Sub Base, etc.) | 100 Cft. | 65.23 | | |
| 2 | 4/29 | Dismantling brick or flagged flooring without concrete foundation | 100 Cft. | 24.00 | | |
| 3 | 4/19 | c) Dismantling cement concrete 1:2:4 plain. | 100 Cft. | 16.25 | | |
| 4 | 4/13 | Dismantling brick work in lime or cement mortar. | 100 Cft. | 15.00 | | |
| 5 | 3/9 | Earthwork excavation in irrigation channels, drains, etc. to designed section, grades and profiles, excavated material disposed off and dressed within 100 ft. (30 m) lead:- i) Ordinary | 1000 Cft. | 37.52 | | |
| 6 | 20/6 | Constructing Punjab Standard Drains. of cement concrete 1:2 ½ :5, with cement concrete bedding ratio 1:6:12, complete, laid to lines, grades, slopes and shapes, rendering exposed surface of concrete with 1:1 cement, sand mortar, ¼ " (6 mm) thick, as per Engineer's drawing (excluding excavation):- a) Type I | Per Rft. | 25,014.00 | | |
| 7 | 6/3 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (d) Ratio 1: 6:12 | 100 Cft. | 93.80 | | |
| 8 | 20/1 | Tega formed of pacca bricks on end, laid in and over cement sand mortar projecting to a height of not more than 6" (150 mm) top of drain along the property side where required, laid to lines, grades, slopes and shape according to the Engineer's drawing:- B) 4½" thick (113 mm) i) ratio 1:3 | 100 Rft. | 250.14 | | |
| 9 | 20/3 | Pacca brick on edge, laid in reimbursement, in cement, sand mortar, on sides of drains and on other works where required. All joints to be completely filled and struck flush:- a) ratio 1:3 | 100 Sft. | 187.61 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

Covered Drains

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|----------|----------|----------------|-------------|
| 10 | N.S | Manufacturing, supply, and installation of Drain Cover made of 100% Recycled Plastic Composite (RPC) material, having dimensions 1.5 ft × 3 ft with 55 mm thickness. The cover shall be perforated with clear 2-inch diameter circular holes. The drain cover shall be load-bearing with a minimum capacity of 4-ton axle load / point load. | No.s | 2,085.00 | | |
| 11 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) Reinforced cement concrete in roof slab, beams columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- (3) Type C (nominal mix 1: 2: 4) | Per Cft. | 4,580.98 | | |
| 12 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- (b) Deformed bars (ii) (Grade-60) | 100 Kgs. | 140.38 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

Covered Drains

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|---------|------------------------------------|---|-----------|-----------|----------------|-------------|
| 13 | 19/47 | Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS 4514 / BS 5255 - EN 1329 including the cost of specials and Solvents complete in all respects, as per drawings & specifications and / or as approved and directed by the Engineer Incharge (iii) 50mm | Per Rft. | 5,002.83 | | |
| 14 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor (crushed stone aggregate and bajri used in concrete items) (The lead in the rate has been considered as 310 km; however, payment shall be made based on the actual lead accordingly as per the lead chart approved by the Engineer) | 100 Cft. | 40.31 | | |
| 15 | 7/7 | Pacca brick work other than building upto 10ft. (3 m) height. i) Cement, sand mortar:- Ratio 1:3 (Provisional Qty) | 100 Cft. | 1.00 | | |
| 16 | 11/8 | Cement plaster 1:3 upto 20' (6.00 m) height:- b) ½" (13 mm) thick (Provisional Qty) | 100 Sft. | 1.00 | | |
| 17 | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) (Transportation will be paid as per actual lead chart to be approved by the Engineer) (Provisional Qty) | | | | |
| | | a) upto ¼ mile (400 m). | 1000 Cft. | 37.52 | | |
| | | b) For every 330 ft. (100 m) additional lead or part thereof, beyond ¼ mile (400 m) upto one mile. (1.6 Km.) | 1000 Cft. | Rate only | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

Covered Drains

| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
|-----------|------------------------------------|--|--------|----------|----------------|-------------|
| | | Restoration | | | | |
| 18 | 21/8 | Restoration of brick pavement on edge, over laid service line, with 2" (50 mm) sand cushion under soling. | 100Sft | 24.00 | | |
| 19 | 21/10 a | Restoration of metalled road, on laid service line, including compaction: | | | | |
| | | a) Carpetted road, with 2" (50 mm) carpet and 10" (250 mm) depth of stone metal, for sub base & base. | 100Sft | 86.97 | | |
| 20 | 21/10 (c) | c) Black Topped Road with two coats of surfacing & 10" (250 mm) depth of stone metal, for sub base & base. | 100Sft | 86.97 | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Total Rs. | | | | | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

| SEPTIC TANK | | | | | Size 21'x7'x6' | |
|-------------|------------------------------------|---|-----------|----------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chan/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | CIVIL WORKS | | | | |
| 1 | 3/21 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) | | | | |
| | | 2) a) By Excavator | | | | |
| | | ii) Ordinary soil | 1000Cft | 1.15 | | |
| | | b) Lift from 5ft (1.5m) to 15 ft (4.5 m):- | | | | |
| | | ii) Ordinary soil | 1000Cft | 0.98 | | |
| 2 | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) (Transportation will be paid as per actual lead chart to be approved by the Engineer) | | | | |
| | | a) upto ¼ mile (400 m). | 1000 Cft. | 2.12 | | |
| 3 | 13/9 | Bitumen coating to plastered or cement | | | | |
| | | i) 20 lbs. per 100 Sft. (9.07 Kg per Sq.m) | 100 Sft | 3.36 | | |
| 4 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100Cft | 0.76 | | |
| 5 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 | 100 Cft. | 0.76 | | |
| 6 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 72.83 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

| SEPTIC TANK | | | | | Size 21'x7'x6' | |
|-------------|------------------------------------|---|--------|----------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chan/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| 7 | | (a) (ii) Reinforced cement concrete in retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast in situ (Formwork on both sides) , complete in all respects | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 242.52 | | |
| 8 | | (a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining wal ls; etc and other structural members other than those mentioned in 5(a)(i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 109.25 | | |
| 9 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and steel chairs, etc. complete in all respect. and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also Includes removal of rust from bars):- (c) Deformed bars (Grade-60) | 100 Kg | 5.78 | | |
| 10 | 19/47 | Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS4514 / BS5255 - EN 1329 including thecost of specials and Solvents complete in all respects, as per drawings& specifications and / or as approved and directed by the Engineer Incharge. | | | | |
| | | (vi) 160 mm | P.Rft | 10.00 | | |
| 11 | 23/15 | Providing, laying, testing and commissioning μ-PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials completeas approved and directed by the Engineer Incharge.b) Class-E | | | | |
| | | (vii) 3" | | | | |
| | | | P.Rft | 5.00 | | |
| 12 | 19/49 | Vent Cowel | | | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

| SEPTIC TANK | | | | | Size 21'x7'x6' | |
|-------------|------------------------------------|--|---------|----------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chan/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | (ii) 3" dia | Each | 1.00 | | |
| 13 | NS | Providing and fixing RPC Manhole Cover Manufactured with 100% Recycled Plastic Composite Material, 650 mm (26"dia) with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (31.1") with average breaking load capacity of 10 Ton and weight including frame of 50 kg (Minimum). | Each | 2.00 | | |
| 14 | 6/31 | Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects. | Rft | 56.00 | | |
| 15 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. Lead from approved nearby quarry | 100 Cft | 4.28 | | |
| | | | | | Total Rs. | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

| SEPTIC TANK | | | | | Size 26'x9'x6' | |
|-------------|------------------------------------|---|-----------|----------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | CIVIL WORKS | | | | |
| 1 | 3/21 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) | | | | |
| | | 2) a) By Excavator | | | | |
| | | ii) Ordinary soil | 1000Cft | 1.95 | | |
| | | b) Lift from 5ft (1.5m) to 15 ft (4.5 m):- | | | | |
| | | ii) Ordinary soil | 1000Cft | 1.42 | | |
| 2 | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) (Transportation will be paid as per actual lead chart to be approved by the Engineer) | | | | |
| | | a) upto ¼ mile (400 m). | 1000 Cft. | 3.37 | | |
| 3 | 13/9 | Bitumen coating to plastered or cement | | | | |
| | | i) 20 lbs. per 100 Sft. (9.07 Kg per Sq.m) | 100 Sft | 4.20 | | |
| 4 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100Cft | 1.29 | | |
| 5 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 | 100 Cft. | 0.85 | | |
| 6 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 117.00 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

| SEPTIC TANK | | | | | Size 26'x9'x6' | |
|-------------|------------------------------------|---|--------|----------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| 7 | | (a) (ii) Reinforced cement concrete in retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast in situ (Formwork on both sides) , complete in all respects | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 302.28 | | |
| 8 | | (a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining wal ls; etc and other structural members other than those mentioned in 5(a)(i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 193.15 | | |
| 9 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and steel chairs, etc. complete in all respect. and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also Includes removal of rust from bars):- (c) Deformed bars (Grade-60) | 100 Kg | 8.34 | | |
| 10 | 19/47 | Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS4514 / BS5255 - EN 1329 including thecost of specials and Solvents complete in all respects, as per drawings& specifications and / or as approved and directed by the Engineer Incharge. | | | | |
| | | (vi) 160 mm | P.Rft | 10.00 | | |
| 11 | 23/15 | Providing, laying, testing and commissioning μ-PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials completeas approved and directed by the Engineer Incharge.b) Class-E | | | | |
| | | (vii) 3" | | | | |
| | | | P.Rft | 5.00 | | |
| 12 | 19/49 | Vent Cowel | | | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

| SEPTIC TANK | | | | | Size 26'x9'x6' | |
|-------------|------------------------------------|--|---------|----------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | (ii) 3" dia | Each | 1.00 | | |
| 13 | NS | Providing and fixing RPC Manhole Cover Manufactured with 100% Recycled Plastic Composite Material, 650 mm (26"dia) with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (31.1") with average breaking load capacity of 10 Ton and weight including frame of 50 kg (Minimum). | Each | 2.00 | | |
| 14 | 6/31 | Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects. | Rft | 40.00 | | |
| 15 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. Lead from approved nearby quarry | 100 Cft | 5.95 | | |
| | | | | | Total Rs. | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

| SEPTIC TANK | | | | | | |
|--------------------|---|---|-------------|-----------------|-----------------------|--------------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | CIVIL WORKS | | | | |
| 1 | 3/21 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) | | | | |
| | | 2) a) By Excavator | | | | |
| | | ii) Ordinary soil | 1000Cft | 2.31 | | |
| | | b) Lift from 5ft (1.5m) to 15 ft (4.5 m):- | | | | |
| | | ii) Ordinary soil | 1000Cft | 3.53 | | |
| 2 | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) (Transportation will be paid as per actual lead chart to be approved by the Engineer) | | | | |
| | | a) upto ¼ mile (400 m). | 1000 Cft. | 5.84 | | |
| 3 | 13/9 | Bitumen coating to plastered or cement | | | | |
| | | i) 20 lbs. per 100 Sft. (9.07 Kg per Sq.m) | 100 Sft | 7.80 | | |
| 4 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100Cft | 1.52 | | |
| 5 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 | 100 Cft. | 1.04 | | |
| 6 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 145.00 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

| SEPTIC TANK | | | | | | |
|-------------|------------------------------------|---|--------|----------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| 7 | | (a) (ii) Reinforced cement concrete in retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast in situ (Formwork on both sides) , complete in all respects | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 696.72 | | |
| 8 | | (a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining wal ls; etc and other structural members other than those mentioned in 5(a)(i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 237.13 | | |
| 9 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and steel chairs, etc. complete in all respect. and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also Includes removal of rust from bars):- (c) Deformed bars (Grade-60) | 100 Kg | 19.59 | | |
| 10 | 19/47 | Providing, fixing, testing and commissioning of µ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS4514 / BS5255 - EN 1329 including thecost of specials and Solvents complete in all respects, as per drawings& specifications and / or as approved and directed by the Engineer Incharge. | | | | |
| | | (vi) 160 mm | P.Rft | 10.00 | | |
| 11 | 23/15 | Providing, laying, testing and commissioning µ-PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials completeas approved and directed by the Engineer Incharge.b) Class-E | | | | |
| | | (vii) 3" | | | | |
| | | | P.Rft | 5.00 | | |
| 12 | 19/49 | Vent Cowel | | | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

| SEPTIC TANK | | | | | | |
|--------------------|---|--|-------------|-----------------|-----------------------|--------------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | (ii) 3" dia | Each | 1.00 | | |
| 13 | NS | Providing and fixing RPC Manhole Cover Manufactured with 100% Recycled Plastic Composite Material, 650 mm (26"dia) with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (31.1") with average breaking load capacity of 10 Ton and weight including frame of 50 kg (Minimum). | Each | 2.00 | | |
| 14 | 6/31 | Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects. | Rft | 78.00 | | |
| 15 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. Lead from approved nearby quarry | 100 Cft | 10.05 | | |
| | | | | | Total Rs. | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

| SEPTIC TANK | | | | | Size 30'x10'x12' | |
|-------------|------------------------------------|---|-----------|----------|------------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | CIVIL WORKS | | | | |
| 1 | 3/21 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) | | | | |
| | | 2) a) By Excavator | | | | |
| | | ii) Ordinary soil | 1000 Cft. | 2.38 | | |
| | | b) Lift from 5ft (1.5m) to 15 ft (4.5 m):- | | | | |
| | | ii) Ordinary soil | 1000 Cft. | 4.58 | | |
| 2 | 3/17 | Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) (Transportation will be paid as per actual lead chart to be approved by the Engineer) | | | | |
| | | a) upto ¼ mile (400 m). | 1000 Cft. | 2.38 | | |
| 3 | 13/9 | Bitumen coating to plastered or cement | | | | |
| | | i) 20 lbs. per 100 Sft. (9.07 Kg per Sq.m) | 100 Sft | 9.60 | | |
| 4 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100Cft | 1.57 | | |
| 5 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 | 100 Cft. | 1.08 | | |
| 6 | 6/6 | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- | | | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

| SEPTIC TANK | | | | | Size 30'x10'x12' | |
|-------------|------------------------------------|---|--------|----------|------------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 150.00 | | |
| 7 | | (a) (ii) Reinforced cement concrete in retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast in situ (Formwork on both sides) , complete in all respects | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 712.80 | | |
| 8 | | (a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining wal ls; etc and other structural members other than those mentioned in 5(a)(i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- | | | | |
| | | (2) Type B (nominal mix 1: 1½: 3) | Cft. | 268.12 | | |
| 9 | 6/12 | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and steel chairs, etc. complete in all respect. and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also Includes removal of rust from bars):- (c) Deformed bars (Grade-60) | 100 Kg | 20.54 | | |
| 10 | 19/47 | Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS4514 / BS5255 - EN 1329 including thecost of specials and Solvents complete in all respects, as per drawings& specifications and / or as approved and directed by the Engineer Incharge. | | | | |
| | | (vi) 160 mm | P.Rft | 10.00 | | |
| 11 | 23/15 | Providing, laying, testing and commissioning μ-PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials completeas approved and directed by the Engineer Incharge.b) Class-E | | | | |
| | | (vii) 3" | P.Rft | 5.00 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

| SEPTIC TANK | | | | | Size 30'x10'x12' | |
|-------------|------------------------------------|--|---------|----------|------------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| 12 | 19/49 | Vent Cowel | | | | |
| | | (ii) 3" dia | Each | 1.00 | | |
| 13 | NS | Providing and fixing RPC Manhole Cover Manufactured with 100% Recycled Plastic Composite Material, 650 mm (26"dia) with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (31.1") with average breaking load capacity of 10 Ton and weight including frame of 50 kg (Minimum). | Each | 2.00 | | |
| 14 | 6/31 | Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects. | Rft | 80.00 | | |
| 15 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl , kankar lime (unslaked), surkhi , etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. Lead from approved nearby quarry | 100 Cft | 10.52 | | |
| | | | | | Total Rs. | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

JHOK BHUTTA, TEHSIL TAUNSA

| Brick Soling | | | | | | |
|---------------------|---|--|-------------|-----------------|-----------------------|--------------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| 1 | 3/20 | b) Dressing of earthwork (done by machinery or otherwise | | | | |
| | | i) Ordinary | 100 Sft. | 676.00 | | |
| 2 | 18/20 | Providing and laying dry brick pavement/soling in streets or roads, etc. sand grouted, laid in proper camber, including preparation, watering, compaction of bed to proper camber, and sand cushion. | 100 Cft. | 253.50 | | |
| | | | | | | |
| | | | | | | |
| Total Rs. | | | | | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

DISTRICT TAUNSA, JHOK BHUTTA

| Soakage Pit | | | | | | |
|-------------|------------------------------------|---|-----------|----------|----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| 1 | 22/1 | Excavation of well in dry upto 20'(6 metre) below ground level, and disposal of soil within one chain (30 metre) | | | | |
| | | a) in ordinary soil or sand : | | | | |
| | | i) f rom 0' to 5' (o to 1.5 m) depth | 1000 Cft. | 0.14 | | |
| | | ii) f rom 5.1' to 10' (1.5 to 3.0 metre) depth | 1000 Cft. | 0.14 | | |
| | | iii) f rom 10.1' to 15' (3.0 to 4.5 metre) depth | 1000 Cft. | 0.11 | | |
| 2 | 6/5 | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate) | | | | |
| | | (f) Ratio 1: 2: 4 | 1000 Cft. | 0.05 | | |
| 3 | 7/4 | Pacca brick work in f oundation and plinth in:- | | | | |
| | | i) Cement, sand mortar:- | 100 Cft. | 0.57 | | |
| | | Ratio 1:3 | | | | |
| 4 | 7/10 | Extra f or pacca brick work in steining of wells or any other circular masonry. | 100 Cft. | 0.57 | | |
| | | As Item of Brick Work | | | | |
| 5 | 7/18 | Perforated pacca brick walling half brick thick, in ground floors:- | | | | |
| | | i) Cement, sand mortar:- | | | | |
| | | Ratio 1:3 | 100 Sft. | 1.89 | | |
| 6 | 10/3 | Supplying and filling sand under floor; or plugging in wells. | 100 Cft. | 0.28 | | |
| 7 | 6/5 | Providing and laying base course of crushed stone aggregate of approved quality and grade, and supply and spreading of stone screening, including placing, mixing, spreadi ng and compacti on of base course materi al to required depth, camber and grade to achieve 100% maximum modified AASHO dry density, including carri age of al l materi al s to si te of work except gravel and. aggregate. | | | | |
| | | Gravels Size 4" for Soakage Pit | 100Cft | 2.55 | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

DISTRICT TAUNSA, JHOK BHUTTA

| Soakage Pit | | | | | | |
|-------------|------------------------------------|---|----------|----------|-----------------|-------------|
| Sr. No. | MRS 2nd Bi-Annual 2025 (Chap/Item) | Description | Unit | Quantity | Unit Rate (Rs) | Amount (Rs) |
| 8 | 6/6 (a)(ii, i) | Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- | | | | |
| | | (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- Provisional Qty | | | | |
| | | (3) Type C (nominal mix 1: 2: 4) | Per Cft | 9.33 | | |
| 9 | 6/12 (c) | Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- | 100Kg | 2.00 | | |
| 10 | | Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with `B' Class working pressure pipe, in trenches, complete in all respects:- | | | | |
| | | 6" i/d (150 mm) | Rft | 10.00 | | |
| 11 | 1/1 | Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. (crushed stone aggregate and bajri used in concrete items) | 100 Cft. | 2.67 | | |
| | | | | | Total Rs. | |
| | | | | | Required No's | 4 |
| | | | | | Grand Total Rs. | |

| Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1) | | | | | | |
|---|-----------------------------|---|-------------|-----------------------|-------------------------------|--------------------|
| DISTRICT TAUNSA, JHOK BHUTTA | | | | | | |
| ESMP COST | | | | | | |
| Sr. No. | Item Description | ISO / Standard Code / Description | Unit | Unit Rate (Rs) | Quantity (Per Village) | Amount (Rs) |
| Personal Protective Equipments | | | | | | |
| 1 | Safety Jackets | EN ISO 20471: 360 degree visibility Fluorescent yellow/orange; retro-reflective strips; breathable mesh fabric; secure Velcro or zipper closure, provided in appropriate sizes are required by Staff, PRMSC name and logo printed | Each | | 30.00 | |
| 2 | Safety Helmets | EN-397 High-density polyethylene (HDPE) or ABS plastic; adjustable screw harness; Adjustable headbands, chin straps, and non-allergic sweatbands. color-coded (white for engineers, yellow for workers) PRMSC Brading and LOGO PRINTED with sr number mentioned on each helmet for ease of record keeping | Each | | 30.00 | |
| 3 | Safety Gloves | EN 388 : Nitrile-coated or leather palm; abrasion and cut-resistant; breathable back; conforms to EN388 safety ratings | Each | | 50.00 | |
| 4 | Dust Mask (Dust proof mask) | ISO 16975: Disposable N95 or FFP2 class mask; elastic bands; nose clip for sealing; replace after use | Each | | 100.00 | |
| 5 | Safety Shoes & Toes | EN ISO 20345, requiring a toe cap to withstand a minimum 200-joule impact and 15 kilonewtons (kN) of compression Steel toe cap; anti-slip, oil-resistant sole; leather upper; ankle support for shoes only | Each | | 35.00 | |
| 6 | Safety Harness Belt | ISO 10333: High-tenacity polyester webbing, minimum width 45mm; adjustable shoulder and thigh straps with metal buckles; dorsal D-ring for fall arrest, side D-rings for positioning; and chest strap with quick-connect buckle; Renowned Brand | Each | | 3.00 | |
| 7 | Protective Goggles | ISO 16321: Anti-fog, scratch-resistant; side shielding for wrap-around protection; adjustable strap | Each | | 10.00 | |
| 8 | Ear Plugs | ISO 4869-1: Soft polyurethane foam; noise reduction rating (NRR) of 30 dB or more | Each | | 20.00 | |
| Health Safety Environment Materials / Testing | | | | | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

DISTRICT TAUNSA, JHOK BHUTTA

| ESMP COST | | | | | | |
|------------------|---|---|-------------|-----------------------|-------------------------------|--------------------|
| Sr. No. | Item Description | ISO / Standard Code / Description | Unit | Unit Rate (Rs) | Quantity (Per Village) | Amount (Rs) |
| 9 | First Aid Kit | ISO 7010-E003: Painkiller, eyewash solution, antibiotic ointment, thermometer, plasters, sterile gauze, dressings, sterile eye dressings, triangular bandages, crepe rolled bandages, safety pins, disposable sterile gloves and tweezers), pain killers, burn creams, pyodine solution (big bottle), other medication as required by tehsil team is adequate size and quantity | Each | | 1.00 | |
| 10 | Warning / Safety Signs | ISO 7010: Weatherproof PVC or Plastic or aluminum signs; reflective print; standardized colors and pictograms (danger, caution, mandatory) | Each | | 25.00 | |
| 11 | Green Mesh | Green safety netting for site periphery; 50% shading; UV-stabilized HDPE material. | S.ft | | 200.00 | |
| 12 | DCP Fire Extinguisher (Dry Chemical Powder) | ISO 7165: 6-kg; ABC type; The extinguishing agent is mono ammonium phosphate and ammonium sulphate powder and the discharge time of the agent is 13 second | No. | | 1.00 | |
| 13 | CO ₂ Fire Extinguisher | ISO 7165: 5 kg; frost-free horn; suitable for electrical and liquid fires; discharge time of the agent in 13 second) | No. | | 1.00 | |
| 14 | Fire Alarm | ICS 13.030.10: Proper segregation, PPE for handlers, timely removal, recordkeeping per solid waste rules | No. | | 2.00 | |
| 15 | Trapuline | Waterproof tarpaulin sheet made from polyethylene or canva | Sq.ft | | 30.00 | |
| 16 | Safety Cones | UV-resistant PVC or rubber material; at least 28 to 36 inches in height; high-visibility orange color with reflective collars (minimum 4-inch reflective band) for day and night visibility | | | 12.00 | |
| 17 | Tree Plantation | 5-6 feet height; Native species plantation; soil preparation and watering included | No. | | 100.00 | |

| Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1) | | | | | | |
|--|---|--|------------------------|----------------|------------------------|-------------|
| DISTRICT TAUNSA, JHOK BHUTTA | | | | | | |
| ESMP COST | | | | | | |
| Sr. No. | Item Description | ISO / Standard Code / Description | Unit | Unit Rate (Rs) | Quantity (Per Village) | Amount (Rs) |
| 18 | Barricading / Fencing (Reflective tape, poles, safety mesh/netting) | ISO 13857: Includes poles, reflective tape, plastic mesh netting; minimum 3 feet height; durable and visible | Rft | | 300.00 | |
| 19 | Trainings | HSE Training, Rescue Training, Labour Code of Conduct, Environmental Code of Conduct, Defensive Driver Trainings, Labour Laws and Labour Rights, GAP Training, C-ESMP Training and anyother as required by E&S wing | Quaterly | | 4.00 | |
| 20 | Water Sprinkling | Water sprinkling through tank mounted on tractor | Per Trip | | 30.00 | |
| 21 | Medical Screening for Workers | CBC, Anti HCV, HBsAG, HIV, RPR, LFTs, RFTs etc. | Persons | | 30.00 | |
| Environmental Testing and Monitoring | | | | | | |
| 22 | Ambient Air Quality Monitoring | As per the parameters and methodology defined by EPA (Quarterly in every village) | Each | | 3.00 | |
| 23 | Groundwater Quality Test | As per the parameters and methodology defined by EPA (Quarterly in every village) | Each | | 3.00 | |
| 24 | Surface Water Quality Test | (As per the parameters and methodology defined by EPA (Quarterly in every village) | Each | | 3.00 | |
| 25 | waste Water Quality Test | (As per the parameters and methodology defined by EPA (Quarterly in every village) | Each | | 3.00 | |
| 26 | Noise Level Monitoring | (As per the parameters and methodology defined by EPA (Quarterly in every village) | Each | | 3.00 | |
| Site Specific / Contractors Environmntal and Social | | | | | | |
| 27 | CESMP Formulation | By an individual or firm as approved by PRMSC Environment Wing | per village | | 1.00 | |
| HSE Staff | | | | | | |
| 28 | HSE Supervisor | Bachelor's degree in Environmental Sciences / Engineering , NEBOSH or IOSH certification will be preffered, with over one year of experience in Occupational Health and Safety, one HSE person for 10-15 villiage, hiring of HSE staff will be approved by E&S prior to contract signing | Per month per villiage | | 12.00 | |
| Waste Management and House Keeping | | | | | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

DISTRICT TAUNSA, JHOK BHUTTA

| ESMP COST | | | | | | |
|--|---|--|--|-----------------------|-------------------------------|--------------------|
| Sr. No. | Item Description | ISO / Standard Code / Description | Unit | Unit Rate (Rs) | Quantity (Per Village) | Amount (Rs) |
| 29 | Handling and disposal of Hazardous Material | ICS 13.030.30: Safe storage, labeling, and transportation; spill kits and secondary containment as per MSDS | 3 times per village for duration of contract | | 3.00 | |
| 30 | Handling and disposal of Solid Waste Material | ICS 13.030.10: Proper segregation, PPE for handlers, timely removal, recordkeeping per solid waste rules | 3 times per village for duration of contract | | 3.00 | |
| Note : Cost of ESMP implementation is village wise, will be multiplied with the number of villages in the civil work contract package to obtain total ESMP cost | | | | | | |
| | | | | | | |

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP), Cluster South-II (Alipur, Shujabad & Taunsa) (Phase-1)

DISTRICT TAUNSA, JHOK BHUTTA

Employer/Engineer's Facilities

| Sr. No. | Description | Unit | Quantity | Rate (PKR) | Amount (PKR) |
|---------|-------------|------|----------|------------|--------------|
|---------|-------------|------|----------|------------|--------------|

The following items shall be provided complete in all respects and in accordance with the special provision of the bidding document and up to the satisfaction of The Engineer / The Employer. Rates for below given items are to be filled-in by the Contractor however, payment will be made as per actual bills in accordance with special provisions.

| | | | | | |
|----------------------|---|-----------|------|--|----------|
| 1 | Providing and maintaining site offices (portable air condition (1,5 ton AC) cabin containers lined with win board size 20'x8'x8.5' with toilet & kitchen, all-time availability of water and electricity) for the entire duration of the project to the Employer and the Engineer. It includes office tables, chairs, water dispenser, electric heater, steel almirah for document storage, etc complete with all respect. After completion of the project these containers and all accessories will be the property of PRMSC | Nos | 1.0 | | |
| 2 | Providing 02 Nos office boy in accordance with the special provisions of the bidding document and up to the satisfaction of the Employer/Engineer. | Per month | 20.0 | | |
| 3 | Providing and maintaining the Cost of Utility Services (Electricity, Water, Gas, etc.) for the 01 No. office. | Per month | 20.0 | | |
| Total Amount | | | | | |
| Required No.s | | | | | 1 |
| Grand Total | | | | | |