



इरकॉन इंटरनेशनल लिमिटेड

(भारत सरकार का उपक्रम)

IRCON INTERNATIONAL LIMITED

(A Govt. of India Undertaking)
An integrated Engineering and Construction Company



Email id: ircon.2066@ircon.org

सोन भवन (प्रथम तल), दारोगा प्रसाद राय पथ, पटना - 800 001, फोन : 0612-2506446, फैक्स : 0612-2506888
Sone Bhawan (First Floor), Daroga Prasad Rai Path. Patna - 800 001, Phone : 0612-2506446, Fax : 0612-2506888

No. IRCON/2066/RTR/tender/05-2021/LoA/ 1626

Dated: 30-11-2022

(ORIGINAL)

Letter of Acceptance

To,
M/s Balajee Developers,
C-119/S-2, Second Floor, Ramprastha Colony,
Ghaziabad, U.P. - 201011
Ph. No.- 91- 0120- 4571569, Mobile -8447443494,
E-mail: developersbalajee@gmail.com

Name of work: Construction of Station Building, Platforms, FOB & Passenger sheds at Hathidah and Tal Railway Stations, in connection with Rampur Dumra-Tal-Rajendrapul: Additional Bridge and doubling project near Mokama in Danapur Division of ECR.

Reference 1) NIT No. - IRCON/2066/RTR/TENDER/04-2022, Dated: 13.10.2022
2) Technical bid opened on 04.11.2022 & Financial Bid opened on 22.11.2022.
3) Your Online Offer regarding above tender.

Dear Sir,

With reference to above this is to inform you that your offer for the above subjected work has been accepted by the competent authority at a total contract value of ₹ 23,99,81,053.00 (INR Twenty-three Crore Ninety-nine Lakh Eighty-one Thousand & Fifty-three only) including GST @ 18% and ₹ 20,33,73,774.00 (Rupee Twenty Crore Thirty-three Lakh Seventy-three Thousand Seven Hundred Seventy-four only) without GST as per BOQ Item enclosed at Annexure-I, on the following terms & conditions as stipulated in the tender Documents and as given below.

- 1) Contractor shall be expected to mobilize on subject work and commence the same within 7 days from the date of issue of Letter of Acceptance (LOA).
- 2) The work shall be completed within 09 months from the date of issue of LOA in terms of Clause No.- 47 of Special Condition of Contract and Appendix to Tender.
- 3) The payment shall be made by IRCON as specified in Clause No.- 38, 39 and 40 of Special Condition of Contract.
- 4) The above rate/cost is inclusive of all cost of materials, transportation & royalty, octroi and other taxes imposed by Central /State Govt. and local bodies including incidental charges.

पंजीकृत कार्यालय : सी-4, डिस्ट्रिक्ट सेन्टर, साकेत, नई दिल्ली . 110017, भारत
Registered Office : C-4 District Centre, Saket, New Delhi - 110017 (INDIA)
Tel.: +91-11-29565666 Fax : +91-11-26854000 : E-mail : info@ircon.org : Web. : www.ircon.org
CIN : L45203DL1976GO1008171



- 5) You are requested to submit a performance guarantee for an amount of 3% of the contract value i.e Rs. 71,99,432/-. Further, an additional performance security of ₹ 70,73,215.00 needs to be furnished as per terms of Cl. No. 7 of SCC. Hence, the Total value of BG required to be submitted arrives at ₹ **1,42,72,647.00** (Rupees One Crore Fourty-two Lakhs Seventy-two Thousand Six Hundred Fourty-seven only) which needs to be submitted within 21 (twenty-one) days from the date of issue of Letter of Acceptance (LOA), but before signing of the contract agreement, as per Clause No.- 7 of Special Conditions of Contract.
- 6) You are requested to submit insurance policies as per per Clause No.- 10 of Special Conditions of Contract.
- 7) The contractor shall submit detailed work programme within 15 days of award of work as per Clause No. -16 of SCC.
- 8) The aforesaid offer is based on your acceptance to all conditions of the above tender without any deviations.
- 9) You are requested to execute the contract agreement within 28 days of issue of this letter as per clause no. 13.5 of Special Conditions of Contract. You are also requested to arrange stamp duty paper of requisite value as per the prevalling laws for signing of the contract agreement.
- 10) All other terms and conditions shall be as per tender documents and corrigenda which is an integral part of this contract and shall be binding on you .
- 11) This letter will constitute a legal and binding contract between IRCON International Limited and M/s BALAJEE DEVELOPERS, UG Floor, C-92, Chattarpur Enclave, Phase-2, Tehsil, Saket, South Delhi, Delhi-110074. till such time the contract agreement is signed.
- 12) The Letter of Acceptance (LOA) is being issued to you marked "ORIGINAL" & "DUPLICATE" with an advice to return the "DUPLICATE" duly signed and stamped as a token of your acceptance.
- 13) For further instruction, please contact Sh. Mahesh Kumar (GM/Mokama).

Thanking You
For & On Behalf of
IRCON INTERNATIONAL LTD


(D. B. Bhuvan Kumar) 30/11/22
Chief General Manager-PH

Encl: Bill of Quantity (BOQ)

Copy to:

1. PD/Patna
2. GM/Finance

Annexure-I

BILL OF QUANTITIES (BOQ)

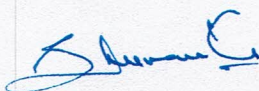
Name of the Work :- Construction of Station Building, Platforms, FOB & Passenger sheds at Hathidah and Tal Railway Stations, in connection with Rampur Dumra-Tal-Rajendrapul: Additional Bridge and doubling project near Mokama in Danapur Division of ECR

SN	Item Description	Unit	Quantity	Rate (Rs.)	AMOUNT (Rs.)
PART (A)					
(1) EARTH WORK					
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.				
	All kinds of soil	cum	12060.0	163.56	1972533.60
2	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials.				
	All kinds of soil	cum	1470.0	83.19	122289.30
3	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	cum	5145.0	202.17	1040164.65
4	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	cum	77500.0	293.48	22744700.00
5	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m :				
	All kinds of soil				
	Pipes, cables etc. exceeding 80 mm dia. But not exceeding 300 mm dia	metre	100.0	332.25	33225.00
6	Boring with hydraulic piling rigs with power units, providing and installing cast in situ single under reamed piles of specified diameter and length below pile cap in M-25 cement concrete, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and the length of the pile to be embedded in pile cap etc. all complete. (Length of pile for payment shall be measured upto to the bottom of pile cap)				
	300 mm dia piles	metre	200.0	2038.73	407746.00
7	Boring, providing and installation bored cast-in-situ reinforced cement concrete piles of grade M-35 of specified diameter and length below the pile cap, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and temporary casing of appropriate length for setting out and removal of same and the length of the pile to be embedded in the pile cap etc. by percussion drilling using Direct mud circulation (DMC) or Bailer and chisel technique by tripod and mechanical Winch Machine all complete, including removal of excavated earth with all its lifts and leads (length of pile for payment shall be measured up to bottom of pile cap). Note: Truck Mounted rotary/TMR/Tubewell boring machine shall not be used.				
	500 mm dia piles	metre	6204.0	2314.24	14357544.96

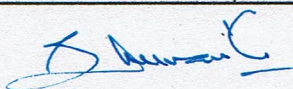
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SN	Item Description	Unit	Quantity	Rate (Rs.)	AMOUNT (Rs.)
8	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	cum	740.0	1720.53	1273192.20
9	Supplying chemical emulsion in sealed containers including delivery as specified.				
	Chlorpyrifos/ Lindane emulsifiable concentrate of 20%	liter	100.0	159.94	15994.00
	(2) CONCRETE WORK				
10	1:2:4 (1 Cement : 2 coarse sand derived from natural sources : 4 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	134.0	5753.37	770951.58
11	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	1310.0	5310.19	6956348.90
12	1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	20.0	5036.17	100723.40
13	Centering and shuttering including strutting, propping etc. and removal of form for				
	Foundations, footings, bases of columns, etc. for mass concrete	sqm	6235.0	245.16	1528572.60
14	Suspended floors, roofs, landings, balconies and access platform	sqm	4690.0	610.25	2862072.50
15	Lintels, beams, plinth beams, girders, bressumers and cantilevers	sqm	1920.0	484.31	929875.20
16	Columns, Pillars, Piers, Abutments, Posts and Struts	sqm	1795.0	640.26	1149266.70
17	Stairs, (excluding landings) except spiral-staircases	sqm	140.0	523.64	73309.60
18	Edges of slabs and breaks in floors and walls				
	Under 20 cm wide	metre	1540.0	144.81	223007.40
19	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete.				
	Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.				
	All works upto plinth level				
	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	4330.0	6913.17	29934026.10
20	All works above plinth level upto floor V level				
	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	700.0	8204.76	5743332.00
	(3) BRICK WORK				
21	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in				
	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	6560.0	5300.64	34772198.40
22	Brick work with non modular fly ash bricks conforming to IS:12894, class designation 10 average compressive strength in super structure above plinth level up to floor V level in:				
	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	500.0	6267.85	3133925.00
23	Half brick masonry with non modular fly ash bricks of class designation 10, conforming to IS :12894, in super structure above plinth and upto floor V level.				
	Cement mortar 1 : 3 (1 cement : 3 coarse sand)	sqm	100.0	791.92	79192.00

SN	Item Description	Unit	Quantity	Rate (Rs.)	AMOUNT (Rs.)
	(4) WOOD WORK & JOINERY				
24	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.				
	In Frames of doors (1.5 mm thick as per drawing) and similar works	kg	900.0	113.28	101952.00
25	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.				
	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	sqm	80.0	2456.85	196548.00
26	Providing and fixing angle iron frames for doors, windows and ventilators of mild steel Angle sections of size 35x35x5 mm, joints mitred and welded by angle iron 35x35x5 mm or 35x 5 mm flat pieces to the existing T-iron frame or to the wall with dash fastener, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer, all complete as per the direction of Engineer-In-charge.	kg	3500.0	82.56	288960.00
27	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with :				
	4.0 mm thick glass panes	sqm	72.0	748.57	53897.04
28	5.5 mm thick glass panes	sqm	36.0	989.95	35638.20
29	Extra for providing frosted glass panes 4 mm thick instead of ordinary float glass panes 4 mm thick in doors, windows and clerestory window shutters. (Area of opening for glass panes excluding portion inside rebate shall be measured).	sqm	72.0	118.22	8511.84
30	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete	each	20.0	681.70	13634.00
31	Providing and Fixing factory made PVC door frame made of PVC extruded sections of size 75 mm x 53 mm, having wall thickness 2.0 mm ($\pm$ 0.2 mm). Both verticalssides of the frame reinforced with PVC profile of cross section size 28 mm x 30 mm x 2 mm thickness ($\pm$ 0.2 mm) and 75 mm x 200 mm long, including reinforcing both ends of the top frame with PVC profile. PVC Door Frame and PVC reinforcement profile to be mitred cut, jointed and fusion welded together, including providing and fixing 3 nos of 125 mm long stainless steel hinges to frame, fixing the frame with jamb with required nos & sizes of anchor dash fastener, all complete as per manufacturer's specification and direction of engineer- in-charge.	metre	60.0	486.57	29194.20



SN	Item Description	Unit	Quantity	Rate (Rs.)	AMOUNT (Rs.)
32	24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge.(For W.C. and bathroom door shutter).	sqm	25.0	1425.53	35638.25
33	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.				
	Fixed to steel windows by welding	kg	5250.0	144.10	756525.00
34	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 30x10x15cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size).	each	360.0	154.72	55699.20
35	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete :				
	300x16mm	each	20.0	143.74	2874.80
36	250x16mm	each	10.0	132.08	1320.80
37	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete:				
	Tower bolt- 150x10mm	each	40.0	60.15	2406.00
38	Tower bolt- 100x10mm	each	20.0	46.69	933.80
39	Providing and fixing aluminium pull bolt lock, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws bolts, nut and washers etc. complete.	each	20.0	71.57	1431.40
40	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete:				
	125mm	each	40.0	47.81	1912.40
41	100mm	each	140.0	42.39	5934.60
42	75mm	each	20.0	36.86	737.20
43	Providing and fixing aluminium casement stays, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.	each	140.0	51.38	7193.20
44	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.				
	Twin Rubber Stopper	each	20.0	49.56	991.20
45	Providing and fixing chromium plated brass butt hinges with necessary chromium plated brass screws etc. complete.				
	125x70x4 mm (ordinary type)	each	90.0	137.09	12338.10



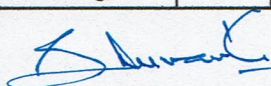
SN	Item Description	Unit	Quantity	Rate (Rs.)	AMOUNT (Rs.)
	(5) FLOORING				
46	Providing and laying Vitrified tiles in different sizes (9.7 mm thick), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete.				
	Size of Tile 600x600 mm	sqm	1100.0	1167.49	1284239.00
47	40 mm thick marble chips flooring rubbed and polished to granolithic finish, under layer 34 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) and top layer 6mm thick with white, black, chocolate, grey, yellow or green marble chips of sizes from 1 mm to 4 mm nominal size, laid in cement marble powder mix 3:1 (3 cement : 1 marble powder) by weight in proportion of 4:7 (4 cement marble powder mix : 7 marble chips) by volume, including cement slurry etc. complete :				
	Light shade pigment with white cement	sqm	20.0	754.14	15082.80
48	Marble chips skirting up to 30 cm height, rubbed and polished to granolithic finish, top layer 6 mm thick with white, black, chocolate, grey, yellow or green marble chips of sizes from smallest to 4 mm nominal size, laid in cement marble powder mix 3:1 (3 cement : 1 marble powder) by weight in proportion of 4:7 (4 cement marble powder mix : 7 marble chips) by volume :				
	18 mm thick with under layer 12 mm thick in cement plaster 1:3 (1 cement : 3 coarse sand) :				
	Light shade pigment with white cement	sqm	16.0	1268.59	20297.44
49	Cement plaster skirting up to 30 cm height, with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement.				
	18 mm thick	sqm	40.0	454.38	18175.20
50	Providing and fixing glass strips in joints of terrazo/ cement concrete floors.				
	40 mm wide and 4 mm thick	metre	200.0	63.29	12658.00
51	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (7.7 mm thick) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	sqm	50.0	744.83	37241.50
52	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (7.7 mm thick), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineerin- Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including ointing in white cement mixed with pigment of matching shade complete.	sqm	250.0	846.61	211652.50
53	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :				
	25 mm thick	sqm	880.0	1358.62	1195585.60
54	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	sqm	110.0	1622.89	178517.90

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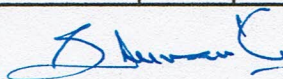
SN	Item Description	Unit	Quantity	Rate (Rs.)	AMOUNT (Rs.)
55	Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	each	10.0	643.37	6433.70
56	Chequerred precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand).				
	Light shade pigment using white cement.	sqm	1265.0	981.63	1241761.95
57	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.				
	Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	sqm	20.0	3111.80	62236.00
58	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.				
	Granite of any colour and shade				
	Area of slab over 0.50 sqm	sqm	10.0	3523.03	35230.30
59	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.				
	Granite work	metre	20.0	333.44	6668.80
	(6) FINISHING				
60	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:4 (1 cement: 4 fine sand)	sqm	2700.0	270.43	730161.00
61	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	sqm	2000.0	234.73	469460.00
62	6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand)	sqm	2100.0	201.46	423066.00
63	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	sqm	4100.0	170.60	699460.00
64	White washing with lime to give an even shade : New work (three or more coats)	sqm	200.0	25.83	5166.00
65	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm	sqm	4100.0	126.54	518814.00
66	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture	sqm	100.0	115.36	11536.00

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SN	Item Description	Unit	Quantity	Rate (Rs.)	AMOUNT (Rs.)
67	Finishing walls with textured exterior paint of required shade :				
	New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm	sqm	2700.0	195.04	526608.00
68	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :				
	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	sqm	100.0	152.37	15237.00
69	Painting with aluminium paint of approved brand and manufacture to give an even shade.				
	Two or more coats on new work	sqm	10240.0	96.69	990105.60
	(7) SANITARY INSTALLATIONS				
70	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:				
	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	each	4.0	4602.53	18410.12
71	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :				
	W.C. pan with ISI marked white solid plastic seat and lid	each	4.0	4410.83	17643.32
72	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :				
	One urinal basin with 5 litre white P.V.C. automatic flushing cistern	each	4.0	4194.53	16778.12
73	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required :				
	Single half stall urinal with 5 litre P.V.C. automatic flushing cistern	each	4.0	8063.14	32252.56
74	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:				
	White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	each	8.0	2701.05	21608.40
75	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	each	8.0	1194.19	9553.52
76	Providing and fixing toilet paper holder :				
	C.P. brass	each	4.0	541.99	2167.96
77	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	each	8.0	116.47	931.76



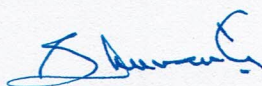
SN	Item Description	Unit	Quantity	Rate (Rs.)	AMOUNT (Rs.)
78	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.				
	600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms	each	8.0	477.94	3823.52
79	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement ,trenching ,refilling & testing of joints complete as per direction of Engineer in Charge.				
	External work				
	80 mm nominal dia Pipes	metre	260.0	1584.55	411983.00
80	100 mm nominal inner dia Pipes	metre	40.0	2238.43	89537.20
81	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :				
	150 mm diameter	metre	100.0	470.82	47082.00
82	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete as per standard design :				
	150 mm diameter S.W. pipe	metre	100.0	871.85	87185.00
83	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design:				
	100x100 mm size P type				
	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	12.0	1953.27	23439.24
84	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design.				
	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	2.0	22314.01	44628.02
85	Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete				
	600 mm dia RCC pipes.	metre	40.0	2429.34	97173.60
86	1000 mm dia RCC pipes. (Laying by manual/ mechanical means)	metre	40.0	4760.76	190430.40
87	Providing and fixing soil, waste and vent pipes :				
	100 mm dia				
	Sand cast iron S&S pipe as per IS: 1729	metre	40.0	810.47	32418.80
88	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	per litre	8000.0	7.72	61760.00
	(8) WATER SUPPLY				
89	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer -in-charge.				
	100 mm nominal size dia	metre	200.0	440.40	88080.00
90	Providing and placing in position filters of 40 mm diameter G.I. pipe with brass strainer of approved quality.	metre	20.0	647.43	12948.60



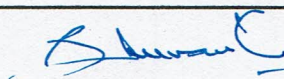
SN	Item Description	Unit	Quantity	Rate (Rs.)	AMOUNT (Rs.)
91	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.				
	Concealed work, including cutting chases and making good the walls etc.				
	15 mm nominal outer dia Pipes	metre	120.0	351.20	42144.00
92	25 mm nominal outer dia Pipes	metre	20.0	498.40	9968.00
93	32 mm nominal outer dia Pipes	metre	140.0	567.42	79438.80
94	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.				
	Internal work - Exposed on wall				
	20 mm nominal outer dia Pipes	metre	180.0	258.81	46585.80
95	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :				
	20 mm nominal bore	each	10.0	316.41	3164.10
96	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
	32 mm nominal bore.	each	4.0	469.62	1878.48
97	Providing and fixing PTMT swivelling shower, 15 mm nominal bore, weighing not less than 40 gms	each	8.0	84.51	676.08
98	Providing and fixing brass stop cock of approved quality :				
	15 mm nominal bore	each	16.0	241.89	3870.24
99	Providing and fixing brass bib cock of approved quality :				
	15 mm nominal bore	each	8.0	241.89	1935.12
100	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.				
	15 mm nominal bore	each	16.0	563.96	9023.36
101	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931				
	15mm nominal bore	each	8.0	398.33	3186.64
	(9) ROOFING				
102	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.				
	1.00 mm thick with zinc coating not less than 275 gm/m ²	sqm	4400.0	1051.13	4624972.00
103	Providing ridges or hips of width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete.				
	0.80 mm thick with zinc coating not less than 275 gm/m ²	metre	740.0	654.51	484337.40

SN	Item Description	Unit	Quantity	Rate (Rs.)	AMOUNT (Rs.)
	(10) MISC. BUILDING WORKS.				
104	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : (a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours. (b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	sqm	20.0	411.27	8225.40
105	Cutting holes up to 30x30 cm in walls including making good the same:				
	With common burnt clay F.P.S. (non modular) bricks	each	20.0	288.51	5770.20
106	Supply Installation, Commissioning and testing of single phase 3 H.P submersible pump set having discharging capacity 2 lps at a total head of 35 meter (approx) of Kirloskar or equivalent make with all accessories & fittings etc including loading unloading and transportation of the pump set to the work site with all required labour, materials, tools and tackles installation, testing & commissioning as per standars specifications and direction of the EIC.	Each	2.0	26570.63	53141.26
107	Providing and laying 60mm thick faciory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	sqm	10300.0	757.09	7798027.00
108	Regrading terracing of mud phaska covered with tiles or brick, in cement mortar by dismantling tiles or bricks, removing mud plaster, preparing the surface of mud phaska to proper slope, relaying mud plaster gobri leaping and tiles or bricks, grouted in cement mortar 1:3 (1 cement : 3 fine sand), including replacing unserviceable tiles or bricks with new ones and disposal of unserviceable material to the dumping ground (the cost of the new tiles or brick excluded), all complete as per direction of Engineer-in-Charge.	sqm	1120.0	460.06	515267.20
109	Providing, laying and supplying factory made Precast Coping Slab Size 1125X525X100MM made of reinforced cement concrete of M-40 grade with provision of locking key at joints of each coping slab with cement mortar 1:3 including surface finishe and proper camber slope 1:40 towards railway track to proper drainage as per drawing and technical specification including all material,tools and equipments as a complete job.	Sqm	2560.0	1950.45	4993152.00
110	Providing and removing barricading with the help of portable fencing along the running track where the work is to be done in close vicinity of the track. Fencing shall consist of self supporting steel angles of size 50x50x6mm, 1.5m long provided with hooks etc and embedded in CC 1:2:4 block of size 0.23x0.23x0.23m placed at c/c distance of 2m along the track. 12mm dia rods in three horizontal layers tack welded with the angle post including providing retro-reflective tapes in horizontal and vertical direction. Note- Released material will be the property of contractor after the completion of work.	metre	2000.0	194.49	388980.00

SN	Item Description	Unit	Quantity	Rate (Rs.)	AMOUNT (Rs.)
111	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	kg	500.0	487.41	243705.00
112	Providing and fixing M.S. angle 50x50x5 mm to act as nosing with lugs of M.S. flat 10x5 mm, 10 cm long, forked at end 60cm apart (minimum three lugs to be provided), including necessary welding and applying a priming coat of approved primer on exposed surface etc. complete.	kg	400.0	113.72	45488.00
	(11) STEEL ITEMS				
113	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
	Thermo-Mechanically Treated bars	Kg	382725.0	71.37	27315083.25
114	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer.	sqm	24.0	7481.23	179549.52
	(12) STRUCTURAL STEEL (FOB, PLATFORM SHED & OTHER MISC WORKS.)				
115	Supplying, fabrication, assembling of all types of steel girders of specified spans with structural steel conforming to Quality "B0" Grade Designation E250 conforming to IS:2062, erection / slewing / end launching of steel girders with cranes or any other approved launching methods as per site conditions (not requiring traffic block) on sub-structure including provision of trolley refuges etc., complete as per approved QAP and drawings conforming to IRS-B1-2001 and other relevant codes and specifications. Note:				
	1. Detailed fabrication and erection drawings & launching methodology will be prepared by the contractor and got approved from Railway. 2. The item includes fabrication of all types of battens, bracings, ties, stiffeners, packing, diaphragms, shop rivets / welding, T&F bolts, drifts, SAW, templates, jigs, fixtures, accessories, transporting various components from fabrication shop to site including loading & unloading, assembly of girders with drifts/bolts, field riveting /welding /HSFG Bolting, assembling of temporary support for side slewing, raising of girders to the bed block level, providing sliding arrangements and slewing the girder in position, lowering of girder on bearings and bed plates with all temporary arrangements or any other method of launching complete. 3. The bearing sets to be provided with the girders will be paid separately as per relevant item.				

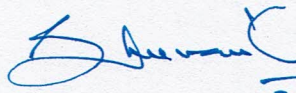


SN	Item Description	Unit	Quantity	Rate (Rs.)	AMOUNT (Rs.)
	4. Payment for addition in weight for rivets / welds shall be made as per clause 45 of IRS B-1-2001. 5. In case of composite work (welding and HSFG bolts), addition in weight shall be 1% for welding and HSFG bolts shall be paid separately under relevant item. 6. Painting of girders will be paid separately under relevant item. 7. Payment Schedule: (i) Receipt of material at site: 40% (ii) Fabrication of girders: 20% (iii) Erection/Launching: 20% (iv) Completion in all respects: 20%				
	Plate Girder/Semi Through Girder	MT	365.0	102265.6	37326933.05
116	Extra over above items for launching girders under traffic block 10%	MT	100.0	10226.6	1022655.00
117	Providing / fixing / grouting various size HTS holding down bolt in concrete column or in other structural steel member using epoxy concrete including drilling holes of required size, bolts threaded at both ends shall be fixed with proper size nuts bolts, plates, washers complete including all labour and material	kg	4320.0	209.1	903268.80
	(13) ELECTRICAL ITEMS				
118	Supplying and fixing of medium class pvc conduit along with accessories in surface/ recess including cutting the wall and making good the same in case of recessed conduit of 25 mm size as required.	Mtrs.	2200.0	71.65	157630.00
119	Supply & Fixing/ laying of G I Pipe 50 mm dia. B Class Make Tata/Jindal/Bansal/Similar ISI Marked for laying the cable along the road /drain/track/building/pole etc.	Mtrs.	3800.0	453.78	1724364.00
120	Supply & Fixing/ laying of G I Pipe 100 mm dia. B Class Make Tata/Jindal/Bansal/Similar ISI Marked for laying the cable along the road /drain/track/building/pole etc.	Mtrs.	200.0	1034.93	206986.00
121	Supply and fixing metal box of following sizes (normal size) on surface or in recess with suitable size of phenolic laminates sheet cover in front including painting etc. as required.				
	150 mmX150 mmX 60 mm deep	Each	60.0	184.69	11081.40
122	200 MM X 125 mm X 60 mm deep	Each	60.0	190.27	11416.20
123	200 mm X 250 mm X 75 mm deep	Each	70.0	279.43	19560.10
124	Provision of Earthing station with GI Earth pipe 4.5 Mtrs. long X 40 mm dia including accessories, and providing masonry enclosures with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	Each	20.0	4225.70	84514.00
125	Supply and fixing of fabricated M S Fan hook suitable for mounting of AC Ceiling fan of different size / Make.	Each	90.0	148.04	13323.60
126	Supply and Fixing of MS Sheet metal enclosed type box suitable for 4 way TPN MCB Distribution box 12 Nos. out going ckt.	Each	16.0	1024.58	16393.28
127	Supply and Fixing of MS Sheet metal enclosed type box suitable for 4 way MCB Distribution in out going ckt. with Single pole MCB of sizes.	Each	20.0	548.51	10970.20
128	Supply and Fixing of MS Sheet metal enclosed type box suitable for 8 way MCB Distribution in out going ckt. with Double Pole MCB. of sizes.	Each	20.0	848.65	16973.00
TOTAL PART -(A)					23,02,47,329.23



SN	Item Description	Unit	Quantity	Rate (Rs.)	AMOUNT (Rs.)
PART (B)					
129	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete.				
	Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.				
	All works above plinth level upto floor V level				
	Concrete of M30 grade with minimum cement content of 350 kg /cum	cum	850.0	8287.16	7044086.00
(14) UNFORSEEN ITEMS					
130	Any unforeseen item not covered by the items under BOQ but available in DSR-21 will be covered under this clause. The rate for items under this clause will be taken as the Rate given in DSR 2021 (with Quoted % above/below by the Bidder) will be applicable.				2000000.00
TOTAL PART -(B)					90,44,086.00
TOTAL BEFORE GST (A+B)					23,92,91,415.23
LESS RATE QUOTED BY THE BIDDER @ 15.01 % BELOW					3,59,17,641.43
TOTAL WITHOUT GST					20,33,73,773.80
ADD GST @ 18%					3,66,07,279.28
TOTAL WITH GST					23,99,81,053.00

Rupees Twenty-three Crore Ninety-nine Lakh Eighty-one Thousand and Fifty-three only


30/01/22

Signature Not Verified

Digitally signed by NIRAJ RANJAN
Date: 2023.04.06 16:07:51 IST
Location: eProcurement System for
Central PSUs

