



इस्कॉन इंटरनेशनल लिमिटेड
(भारत सरकार का उपक्रम)
IRCON INTERNATIONAL LIMITED
(A Govt. of India Undertaking)



An Integrated Engineering and Construction Company

Katni-Singrauli Rail Doubling Project,
1st Floor, Above Maruti Suzuki Show room,
Near Jhinhari Police Station,
NH-7, Jabalpur Road, Katni 483 501(M.P.)
email - ircon.2065@ircon.org

कटनी-सिंगरौली रेल दोहरीकरण परियोजना
प्रथम तल, मारुती सुजुकी शोरूम के उपर
झिंझरी, पुलिस चौकी के समीप, नेशनल हाईवे-7,
जबलपुर रोड, कटनी - 483 501 (म.प्र.)
ई-मेल - ircon.2065@ircon.org

No: IRCON/2065/KSDP/Tender/ Res Bdlg MWJ , BEHR, KHBj & NKJ/133 /428 Date: 11.05.2024

To,
M/s Quazar Infrastructure Pvt Ltd.
B-64, Chhatarpur Enclave, Phase – II
New Delhi – 110074.

(Letter of Acceptance)

Sub: Execution of balance works of construction of Residential Buildings at Marwasgram ,Beohari , Road Works at NKJ & Khanna Banjari and Other Misc associated Works like development works such as approach roads, drainage, water supply, horticulture etc. but excluding electrical works in connection with the Katni-Singrauli Doubling Project/ **Reg. Letter of Acceptance**

Ref: (i) Tender No.:IRCON/2065/KSDP/Tender/ Res Bdlg MWJ , BEHR, KHBj & NKJ/133 dated 18.04.2024.

(ii) Tender submitted on 26.04.2024 and opened on 27.04.2024.

(iii) Revised offer of M/s Quazar Infrastructure Pvt. Ltd dtd 06.05.2024.

Your offer for the work of "Execution of balance works of construction of Residential Buildings at Marwasgram ,Beohari , Road Works at NKJ & Khanna Banjari and Other Misc associated Works like development works such as approach roads, drainage, water supply, horticulture etc. but excluding electrical works in connection with the Katni-Singrauli Doubling Project. submitted vide references above, has been accepted by the Competent Authority of Ircon International Limited at the total Contract Value of **Rs 19,05,27,469/-** (Rupees Nineteen Crore Five Lakhs Twenty-Seven Thousand Four Hundred Sixty Nine only) i.e. 2.97 % above the estimated cost of work (Rs **18,50,32,018.30**) including GST @ 18% at the accepted rates of items / schedules as per Annexure-A (attached herewith) to this letter and terms and conditions, incorporating all the corrigendum and addendums issued to the tender documents.


11.05.24

Page 1 of 3



1. In term of para 7.0 of Special Conditions of Contract: you are requested to submit a Performance Guarantee (P.G.) within 21 days from date of issue of LOA in the form irrevocable bank guarantee in favor of IRCON International, Katni on the Performa annexed as Annexure-X (from any Scheduled Bank for an amount of 5% (Five percent) of the contract value, i.e., Rs. 95,26,374 (Rupees Ninety-Five Lakhs Twenty-Six Thousand Three Hundred Seventy-Four only).
2. The entire work is required to be completed within **12 (Twelve) months** from the date of issue of this letter of acceptance.
3. Your kind attention is invited to the provision of Clause 16 of Special Conditions of Contract. You are required to submit/comply the following:
 - 3.1 In terms of clause 16.1, a programme for completion of work to the Engineer for his approval within 15 days from the date of receipt of letter of acceptance considering completion period as indicated in appendix to tender. Programme so submitted and agreed by IRCON will become part of the contract agreement. (For details, refer to Para 16.1 of SCC).
 - 3.2 In terms of clause 16.2, a detailed Execution/completion Programme with milestones/Key dates based on completion period as indicated in appendix to tender. These shall be incorporated in the Contract Agreement after approval by Engineer in charge (For details, refer to Para 16.2 of SCC).
 - 3.3 In terms of Clause No 16.3: Resource Deployment Program, within 15 days of award of contract, i.e. key personnel, manpower, Plant & Machinery and Other resources deployment program. These shall be incorporated in the Contract Agreement after approval by Engineer in charge.
 - 3.4 In terms of Clause No 16.4: within 15 days of award of contract, Cash flow statement and cumulative monthly progress plan (in the form of S curve). These shall be to be incorporated in the Contract Agreement after approval by Engineer in charge.
 - 3.5 In terms of Clause No 16.5: Within 18 days of award of contract, Method statement for various activities and Quality Assurance Plan (QAP) and start the work after their approval.
 - 3.6 In terms of Clause No 16.6: Within 15 days of the award of the contract, Organization chart of the project with the CV of the key personnel's to be deployed at the project site.



4. You are requested to attend this office for signing of the Contract Agreement on or before 28 days after issue of this letter as per clause no.: 13.5 of Special Conditions of Contract.
5. All other terms and conditions shall be as per Tender Documents and Corrigendum and Addendums, which shall form an integral part of this contract and shall be binding on you. Your letters at reference above shall form part of the Contract Agreement. This Letter of Acceptance, along with your submitted offer, shall constitute a binding Contract between you and Ircon International Limited, till a formal agreement is drawn and executed.
6. This Letter of Acceptance is being issued in duplicate and you are requested to return one copy of this Letter of Acceptance duly accepted, signed & stamped on each page by your authorized representative.
7. You are advised to mobilize the resources to commence the work. You are requested to contact Project Head, Katni Singrauli Rail Doubling Project for further instructions at the following address:

Katni Singrauli Rail Doubling Project,
Ircon International Limited,
First Floor, above Maruti Suzuki showroom,
Near Jhinhari Police Station, NH-7, Jabalpur Road,
Katni – 483501 (M.P). MO: 7470376222

Thanking You

Enclosed:

- (i) Annexure-A, Bill of quantities.

For & on behalf of
IRCON International Limited



(Akhilesh Sahu)
CGM/PH

Copy to:

- (i) GM/Fin, AGM/C-I for information.
- (ii) DGM/Civil/ BEHR/MWJ for necessary action.

Bill of Quantity (BOQ)

Name of Work: Execution of Balance works of Construction of Residential Buildings at Marwasgram, Beohari, Road Works at NKJ & Khanna Banjari and Other Misc associated Works like development works such as approach road, drainage, water supply, horticulture etc but excluding electrical works in connection with the Katni -Sagrauli rail Doubling Projects.

Tender No.:IRCON/2065/KSDP/Tender/ Res Bdlg MWJ , BEHR, KHBj & NKJ/133 dated 18.04.2024.

S. No.	Item no	Description of Items	Unit	Total Qty	Rate Including GST @18%	Amount including GST @ 18% (Rs)
SCHEDULE-1 (DSR 2021 Items)						
SUB HEAD : 2.0 EARTH WORK						
1	2.6	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				
2	2.6.1	All kinds of soil	Cum	6,117.01	185.11	1,132,339.81
3	2.25	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 upto 50 m and lift upto 1.5 m.	Cum	4,903.75	228.81	1,122,038.84
4	2.25 (a)	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	7,807.81	332.16	2,593,432.51
5	2.26	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials.				
(a)	2.26.1	All kind of soil	Cum	714.84	94.16	67,306.34
6	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	Cum	329.45	1,947.27	641,531.90
7	2.28	Surface dressing of the ground including removing vegetation and in equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.				
a	2.28.1	All kinds of soil	SQM	2,328.76	25.36	59,065.71

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S. No.	Item no	Description of Items	Unit	Total Qty	Rate Including GST @18%	Amount Including GST @ 18% (Rs)
8	2.33	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material.				
	2.33.1	Beyond 30 cm girth upto and including 60 cm girth	each	7.83	395.77	3,100.20
	2.33.2	Beyond 60 cm girth upto and including 120 cm girth	each	6.83	1,763.42	12,050.04
9	2.10.1.1	pipes ,cable etc exceeding 80 mm dia but not exceeding 300 mm dia				
a	2.10.1.2	pipes ,cable etc exceeding 80 mm dia but not exceeding 300 mm dia	meter	368.33	376.04	138,507.44
		SUB HEAD : 4.0 CONCRETE WORK				
10	4.1.5	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	348.18	6,156.99	2,143,771.51
11	4.1.6	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	248.33	6,009.99	1,492,480.98
12	4.17	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement: 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources) over 75mmthick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavationlevelling & dressing & finishing the top smooth.	Sqm	1,500.00	614.18	921,264.58
		Total of SUB HEAD : 5.0 CONCRETE WORK				
13	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
(a)	5.9.1	Foundations, footings, bases for columns	Sqm	1,735.19	277.47	481,459.49
(b)	5.9.2	Walls (any thickness) including attached pilasters, buttresses,plinth and string courses etc.	Sqm	1,617.33	603.27	975,695.34
(c)	5.9.3	Suspended floors, roofs, landings, balconies and accessplatform	Sqm	2,762.02	690.67	1,907,651.26
(d)	5.9.5	Lintels, beams, plinth beams, girders, bressumers andcantilevers	Sqm	5,162.38	548.13	2,829,665.88
(e)	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	2,263.81	724.64	1,640,448.47
(f)	5.9.16	Edge of slabs and breaks in floors and wall				
(g)	5.9.16.1	under 20 CM wide	Mtrs	300.00	163.89	49,168.35
(h)	5.9.9	Arches, domes, vaults up to 6 m span	sqm	84.83	1,645.48	139,582.55
(i)	5.9.10	Extra for arches, domes, vaults exceeding 6 m span	sqm	84.83	518.31	43,967.07

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S. No.	Item no	Description of Items	Unit	Total Qty	Rate Including GST @18%	Amount Including GST @ 18% (Rs)
(i)	5.9.14	Extra for shuttering in circular work (20% of respective centering and shuttering items)				
(k)	5.9.1	Foundations, footings, bases for columns	Sqm	33.86	55.49	1,879.01
(l)	5.9.2	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	Sqm	210.00	120.65	25,337.51
(m)	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	114.30	144.93	16,564.71
(n)	5.11	Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc., including cost of de-shuttering and decentering at all levels, over a height of 3.5 m, for every additional height of 1 metre or part thereof (Plan area to be measured).				
(p)	5.11.1	Suspended floors, roofs, landing, beams and balconies (Plan area to be measured)	sqm	135.00	287.65	38,832.59
14	5.9.19	Weather shade, Chajjas, corbels etc., including edges	Sqm	278.27	734.28	204,326.09
15	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete				
(a)	5.22.1	Mild Steel and Medium Tensile steel Bars	Kg	20,000.00	80.15	1,602,904.41
(b)	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	271,129.45	80.78	21,900,733.67
16	5.33	Providing and laying in position ready mixed or site batched design mix 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.				
(a)	5.33.1	All works upto plinth level		0.00		
(b)	5.33.1.1	Concrete of M25 grade with minimum cement content of 330 kg / cum	Cum	1,366.37	7,205.68	9,845,603.08
(c)	5.33.1.4	Concrete of M40 grade with minimum cement content of 390 kg/cum	Cum	47.00	8,003.21	376,151.07

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S. No.	Item no	Description of Items	Unit	Total Qty	Rate Including GST @18%	Amount Including GST @ 18% (Rs)
(d)	5.33.2	All works above plinth level upto floor V level				
	5.33.2.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	Cum	655.17	9,082.36	5,950,458.97
	5.33.2.4	Concrete of M40 grade with minimum cement content of 390 kg /cum	Cum	95.00	9,465.02	899,176.89
(f)	5.38	Extra for R.C.C./ B.M.C/ R.M.C. work above floor V level for each four floors or part thereof	cum	50.00	253.14	12,657.00
17	5.35	Add for using extra cement in the items of design mix over and above the specified cement content therein	Quintal	898.46	620.30	557,319.76
		SUB HEAD : 6.0 MASONRY WORK				
18	6.36	Brick work with modular extruded brunt fly ash clay sewer bricks (Conforming to IS: 4885) in cement mortar 1:4 (1 cement : 4 coarse sand) in foundation and plinth				
(a)	6.36.1	Cement Mortar 1:4 (1 cement : 4 coarse sand	Cum	261.67	5,882.45	1,539,241.60
19	6.45	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.				
(a)	6.45.2	Cement mortar 1:4 (1 cement : 4 coarse sand)	Sqm	2,465.83	873.67	2,154,320.91
20	6.15	Extra for providing and placing in position 2 Nos 6mm dia. M.S. barsat every third course of half brick masonry.	Sqm	2,465.83	77.89	192,070.38
21	6.32	Brick work with clay flyash F.P.S. (non modular) brick of class designation 7.5 in superstructure above plinth level up to floor five level in.				
(a)	6.32.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	45.83	7,581.72	347,495.49
(b)	6.32.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	1,806.53	7,380.12	13,332,429.01
		SUB HEAD : 8.0 CLADDING WORK				
22	8.2	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.				
	8.2.2	Granite stone slab colour black, Cherry/Ruby red				

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Tender No.:IRCON/2065/KSDP/Tender/ Res Bdlg MWJ , BEHR, KHBJ & NKJ/133 dated 18.04.2024.						
S. No.	Item no	Description of Items	Unit	Total Qty	Rate Including GST @18%	Amount Including GST @ 18% (Rs)
(a)	8.2.2.2	Area of slab over 0.50 sqm	Sqm	261.33	3,987.30	1,042,015.33
23	8.3	Providing edge moulding to 18 mm thick marble stone counters, Vanitiesetc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.				
(a)	8.3.2	Granite work	Meter	317.50	377.39	119,821.27
24	8.31	Providing and fixing 1st quality ceramic glazed wall tiles conforming toIS: 15622 (thickness to be specified by the manufacturer), of approvedmake, in all colours, shades except burgundy, bottle green, black ofany size as approved by Engineer-in-Charge, in skirting, risers of stepsand dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm,including pointing in white cement mixed with pigment of matching shadecomplete.	Sqm	1,655.00	958.18	1,585,793.93
SUB HEAD :9. WOOD AND PVC WORK						
25	9.7.7.1	Float glass panes				
(a)	9.7.7.1	4 mm thick glass pane (weight not less than 10kg/sqm).	Sqm	172.50	1,709.31	294,856.70
26	9.21	Providing and fixing ISI marked flush door shutters conforming to IS :2202 (Part I) non-decorative type, core of block board construction withframe of 1st class hard wood and well matched commercial 3 plyveneering with vertical grains or cross bands and face veneers on bothfaces of shutters:				
(a)	9.21.1	35 mm thick including ISI marked Stainless Steel butt hingeswith necessary screws	Sqm	724.47	1,816.22	1,315,792.94
27	9.27	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws :				
	9.27.1	35 mm thick shutters				
	9.27.1.1	with ISI marked M.S. pressed butt hinges bright finished of required size				
(a)	9.27.1.1.1	Second class teak wood	Sqm	319.60	3,912.47	1,250,440.62

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Tender No.:IRCON/2065/KSDP/Tender/ Res Bldg MWJ , BEHR, KHBJ & NKJ/133 dated 18.04.2024.						
S. No.	Item no	Description of Items	Unit	Total Qty	Rate Including GST @18%	Amount Including GST @ 18% (Rs)
28	9.83	Providing and fixing aluminium die cast body tubular type universalhydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete	Each	59.67	924.13	55,139.48
29	9.96	Providing and fixing aluminium sliding door 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 nuts and screws etc. complete				
(a)	9.96.1	300x16 mm	Each	564.67	234.53	132,433.54
30	9.97	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodiccoating not less than grade AC 10 as per IS : 1868) transparent or dyedto required colour or shade, with necessary screws etc. complete :				
(a)	9.97.1	300x10 mm	Each	204.33	106.00	21,660.22
31	9.1	Providing and fixing aluminium handles, ISI marked, anodised (anodiccoating not less than grade AC 10 as per IS : 1868) transparent or dyedto required colour or shade, with necessary screws etc. complete :				
(a)	9.100.1	125 mm	Each	1,129.33	54.11	61,103.61
32	9.101	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.				
(a)	9.101.2	Twin rubber stopper	Each	342.00	56.09	19,182.14
		SUB HEAD: 10. STEEL WORK				
33	10.28	Providing and fixing stainless steel (Grade 304) railing made of Hollowtubes, channels, plates etc., including welding, grinding, buffing, polishingand making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railingwith necessary accessories & stainless steel dash fasteners , stainlesssteel bolts etc., of required size, on the top of the floor or the side ofwaist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel membersshall be considered excluding fixing accessories such as nuts, bolts,fasteners etc.).	kg	4,358.33	551.65	2,404,257.13

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Tender No.:IRCON/2065/KSDP/Tender/ Res Bldg MWJ , BEHR, KHBj & NKJ/133 dated 18.04.2024.

S. No.	Item no	Description of Items	Unit	Total Qty	Rate Including GST @18%	Amount Including GST @ 18% (Rs)
40	11.38	Providing and laying Ceramic glazed floor tiles of size 300x300 mm(thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/ Sqm including pointing the joints with white cement and matching pigments etc., complete.	Sqm	716.67	997.47	714,851.97
41	11.41	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete				
(a)	11.41.2	Size of Tile 600x600 mm	Sqm	1,661.83	1,276.42	2,121,200.44
42	11.41A	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, piler, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.				
	11.41A.3	Glazed Vitrified tiles Matt/Antiskid finish of size				
(a)	11.41A.3.1	Size of Tile 600 x 600 mm	Sqm	330.00	1,181.27	389,820.68
SUB HEAD : 12. ROOFING						
43	12.41	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.	Metre			
(a)	12.41.2	110 mm diameter	Metre	1,228.83	288.10	354,026.05
(b)	12.41.1	75 mm diameter	Metre	505.33	191.92	96,981.57

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S. No.	Item no	Description of Items	Unit	Total Qty	Rate Including GST @18%	Amount Including GST @ 18% (Rs)
44	12.42	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.				
(a)	12.42.1	Coupler				
(i)	12.42.1.1	75 mm	each	110.00	71.90	7,909.10
(ii)	12.42.1.2	110 mm	each	213.33	108.08	23,056.35
(b)	12.42.3	Single tee with door				
(i)	12.42.3.2	110x110x110 mm	each	130.00	185.11	24,064.74
(c)	12.42.5	Bend 87.5°				
(i)	12.42.5.2	110 mm bend	each	194.67	118.93	23,152.46
(d)	12.42.6	Shoe (Plain)				
(i)	12.42.6.2	110 mm Shoe	each	146.67	104.47	15,322.65
45	12.43.2	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.				
(a)		110 mm	each	146.67	278.86	40,900.04

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Tender No.:IRCON/2065/KSDP/Tender/ Res Bldg MWJ , BEHR, KHBJ & NKJ/133 dated 18.04.2024.

S. No.	Item no	Description of Items	Unit	Total Qty	Rate Including GST @18%	Amount Including GST @ 18% (Rs)
46	12.50	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling / self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto 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.	Sqm	319.50	605.08	193,321.83
47	12.51	Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :-				
(a)	12.51.1	Ridges plain (500 - 600mm)	Metre	68.33	406.00	27,743.13
SUB HEAD : 13. FINISHING						
48	13.1	12 mm cement plaster of mix :				
(a)	13.1.2	1:6 (1 cement: 6 fine sand)	Sqm	11,378.33	254.09	2,891,075.53
49	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :				
(a)	13.2.2	1:6 (1 cement: 6 fine sand)	Sqm	10,923.33	292.20	3,191,786.34
50	13.16	6 mm cement plaster of mix :				
(a)	13.16.1	1:3 (1 cement : 3 fine sand)	Sqm	3,550.00	228.00	809,405.91
51	13.18	Neat cement punning	Sqm	771.33	61.09	47,119.80
52	13.42	Distemping with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gms/litre, of approved manufacturer, of required shade and colour complete, as per manufacturer's specification.				
(a)	13.42.1	Two or more coats on new work	Sqm	14,673.58	83.57	1,226,257.79
53	13.43	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :				
(a)	13.43.1	Water thinnable cement primer	Sqm	14,673.58	58.07	852,100.42
54	13.45	Finishing walls with textured exterior paint of required shade :				

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Tender No.:IRCON/2065/KSDP/Tender/ Res Bldg MWJ , BEHR, KHBJ & NKJ/133 dated 18.04.2024.

S. No.	Item no	Description of Items	Unit	Total Qty	Rate Including GST @18%	Amount Including GST @ 18% (Rs)
(a)	13.45.1	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	11,666.08	220.75	2,575,270.40
55	13.48	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications :				
(a)	13.48.2	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	671.67	130.56	87,690.76
(b)	13.48.3	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture	Sqm	800.17	126.19	100,970.67
56	13.6	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :				
57	13.60.1	Two or more coats on new work	Sqm	400.00	124.20	49,681.93
58	13.80	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sqm	26,499.67	111.59	2,957,114.21
59	13.90	Distemping with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gms/litre, of approved manufacturer, of required shade and colour complete, as per manufacturer's specification.				
(a)	13.90.1	Old work (one or more coats)	Sqm	208.33	51.18	10,662.00
60	13.91	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete. Removing dry or oil bound distemper, water proofing cement paint	Sqm	66.67	18.79	1,252.41
SUB HEAD : 15. DISMANTLING AND DEMOLISHING						
61	15.3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in-charge.	Cum	34.17	2,638.26	90,140.55
62	15.7	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.				

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Tender No.:IRCON/2065/KSDP/Tender/ Res Bdlg MWJ , BEHR, KHBj & NKJ/133 dated 18.04.2024.

S. No.	Item no	Description of Items	Unit	Total Qty	Rate Including GST @18%	Amount Including GST @ 18% (Rs)
(a)	15.7.4	In cement mortar	Cum	34.17	1,530.33	52,286.20
63	15.43	Dismantling manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge :				
(a)	15.43.2	Bituminous Road	sqm.	5,400.00	318.64	1,720,675.99
	SUB HEAD : 16. ROAD WORK					
64	16.3	Supplying and stacking at site				
(a)	16.3.10	Moorum	Cum	900.00	800.37	720,333.89
65	16.43	Providing and laying design mix cement concrete of M-30 grade, inroads/ taxi tracks/ runways, using cement content as per designmix, using coarse sand and graded stone aggregate of 40 mm nominal size in appropriate proportions as per approved & specified design criteria, providing dowel bars with sleeve/ tie bars wherever required, laying at site, spreading and compacting mechanically by using needle and surface vibrators, levelling to required slope/ camber finishing with required texture, including steel form work with sturdy M.S. channel sections, curing, making provision for contraction/ expansion, construction & longitudinal joints (10 mm wide x 50 mm deep) by groove cutting machine, providing and filling joints with approved joint filler and sealants, complete all as per direction of Engineer-in-charge (Item of joint fillers, sealants, dowel bars with sleeve/ tie bars to be paid separately). Note:- Cement content considered in M-30 is @ 340 kg/cum. Excess/ less cement used as per design mix is payable/ recoverable separately				
(a)	16.43.1	Cement concrete prepared with batch mixing machine	Cum	3,484.00	8,553.24	29,799,482.98
66	16.42	Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete.	cum	1,503.40	6,666.78	10,022,844.42

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Tender No.:IRCON/2065/KSDP/Tender/ Res Bdlg MWJ , BEHR, KHBJ & NKJ/133 dated 18.04.2024.						
S. No.	Item no	Description of Items	Unit	Total Qty	Rate Including GST @18%	Amount Including GST @ 18% (Rs)
67	16.68	Providing and laying 60mm thick factory 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	2,435.67	856.86	2,087,036.51
68	16.89	Providing and laying matt finished vitrified tile of size 300x300x9.8mm having with water absorption less than 0.5% and conforming to IS: 15622 of approved make in all colours and shades in for outdoor floors such as footpath, court yard, multi modals location etc., laid on 20mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) in all shapes & patterns including grouting the joints with white cement mixed with matching pigments etc. complete as per direction of Engineer-in-Charge.	Sqm	2,135.67	1,126.94	2,406,775.92
69	16.69	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	cum	38.33	7,760.93	297,502.38
70	16.1	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the subgrade and disposal of surplus earth with lead upto 50 metres.	Sq.M	6,000.00	162.63	975,798.47
71	16.78	Construction of granular sub-base by providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge.				
(a)	16.78.2	With material conforming to Grade-II (size range 53 mm to 0.075 mm) having CBR Value-25	Cum	2,190.00	2,500.90	5,476,971.66

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Tender No.:IRCON/2065/KSDP/Tender/ Res Bdlg MWJ , BEHR, KHBJ & NKJ/133 dated 18.04.2024.

S. No.	Item no	Description of Items	Unit	Total Qty	Rate Including GST @18%	Amount Including GST @ 18% (Rs)
72	16.7	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge.				
(a)	16.70.1	Made of G.I. wire of dia 4 mm	Sqm	100.00	774.42	77,442.18
		SUB HEAD :17.SANITARY INSTALLATIONS				
73	17.1	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:				
(a)	17.1.1	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	Each	50.00	5,209.08	260,453.95
74	17.2	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 :				
(a)	17.2.1	W.C. pan with ISI marked white solid plastic seat and lid	Each	53.00	4,992.11	264,582.08
75	17.7	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:				
(a)	17.7.1	White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	Each	86.00	3,057.01	262,902.54
76	17.10	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :				
	17.10.1	Kitchen sink with drain board				
(a)	17.10.1.1	510x1040 mm bowl depth 250 mm	Each	50.00	5,413.70	270,684.96

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Tender No.:IRCON/2065/KSDP/Tender/ Res Bdlg MWJ , BEHR, KHBJ & NKJ/133 dated 18.04.2024.

S. No.	Item no	Description of Items	Unit	Total Qty	Rate Including GST @18%	Amount Including GST @ 18% (Rs)
77	17.16A	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge	Each	122.00	269.72	32,905.67
78	17.32	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :				
(a)	17.32.2	Rectangular shape 453x357 mm	Each	87.00	1,044.23	90,848.05
79	17.34	Providing and fixing toilet paper holder :			0.00	0.00
(a)	17.34.1	C.P. brass	Each	54.00	613.41	33,124.17
		SUB HEAD 18. WATER SUPPLY				
80	18.10	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. Internal work - Exposed on wall				
(a)	18.10.1	15 mm dia nominal bore	metre	634.83	274.04	173,971.95
(b)	18.10.3	25 mm dia nominal bore	metre	525.67	442.58	232,648.62
(c)	18.10.4	32 mm dia nominal bore	metre	396.80	507.81	201,499.66
(d)	18.10.6	50 mm dia nominal bore	metre	68.33	804.79	54,993.71
81	18.12	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc.				
(a)	18.12.3	25 mm dia nominal bore	metre	184.17	376.58	69,353.28
(b)	18.12.5	40 mm dia nominal bore	metre	150.00	503.08	75,462.20
(c)	18.12.6	50 mm dia nominal bore	metre	338.33	589.44	199,428.40
82	18.17	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
(a)	18.17.1	25 mm nominal bore	Each	23.00	479.65	11,032.06
(b)	18.17.2	32 mm dia nominal bore	Each	27.00	531.51	14,350.72
(c)	18.17.3	40 mm nominal bore	Each	19.00	637.29	12,108.46
(d)	18.17.4	50 mm nominal bore	Each	19.00	791.32	15,035.00
83	18.21	Providing and fixing unplasticised PVC connection pipe with brass unions : 30 cm length				
(a)	18.21.1.1	15 mm nominal bore	Each	19.00	67.40	1,280.52
84	18.21	Providing and fixing unplasticised PVC connection pipe with brass unions: 45 cm length				

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Tender No.:IRCON/2065/KSDP/Tender/ Res Bdlg MWJ , BEHR, KHBj & NKJ/133 dated 18.04.2024.

S. No.	Item no	Description of Items	Unit	Total Qty	Rate Including GST @18%	Amount Including GST @ 18% (Rs)
(a)	18.21.2.1	15 mm nominal bore	Each	44.00	76.77	3,377.72
85	18.47	Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws, including excavation, refilling the earth or cutting of wall and making good the same complete wherever required :				
a	18.47.1	15 mm nominal bore	each	46.00	615.30	28,303.92
b	18.47.2	20 mm nominal bore	each	41.00	639.45	26,217.44
c	18.47.3	25 mm nominal bore	each	41.00	711.76	29,182.01
d	18.47.4	32 mm nominal bore	each	46.00	747.93	34,404.87
(e)	18.47.6	50 mm nominal bore	Each	13.67	1,153.57	15,765.44
86	18.48	Providing and placing on terrace (at all floor levels) polyethylene waterstorage tank, IS : 12701 marked, with cover and suitable lockingarrangement and making necessary holes for inlet, outlet and overflowpipes but without fittings and the base support for tank.	per litre	27,500.00	8.74	240,345.56
87	18.49	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :				
(a)	18.49.1	15 mm nominal bore	Each	122.00	391.22	47,728.89
88	18.50	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.				
(a)	18.50.1	15 mm nominal bore	Each	135.00	644.27	86,976.49
89	18.51	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.				
(a)	18.51.1	15 mm nominal bore	Each	59.00	638.28	37,658.43
90	18.52	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.				
(a)	18.52.1	15 mm nominal bore	Each	44.00	535.88	23,578.64
91	18.53	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931				
(a)	18.53.1	15mm nominal bore	Each	105.67	450.82	47,636.91




Tender No.:IRCON/2065/KSDP/Tender/ Res Bdlg MWJ , BEHR, KHBj & NKJ/133 dated 18.04.2024.

S. No.	Item no	Description of Items	Unit	Total Qty	Rate Including GST @18%	Amount Including GST @ 18% (Rs)
92	18.65	Providing and fixing PTMT soap Dish Holder having length of 138mm,breadth 102mm, height of 75mm with concealed fitting arrangements,weighing not less than 106 gms.	Each	39.67	87.17	3,457.87
93	18.77	Cutting holes up to 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including finishing complete so as to make it leak proof.	Each	220.33	339.77	74,863.20
94	18.78	Making chases up to 7.5x7.5 cm in walls including making good and finishing with matching surface after housing G.I. pipe etc.	metre	310.67	154.79	48,089.41
	18.8.2	20 mm nominal dia Pipes	metre	250.33	462.90	115,878.32
	18.8.3	25 mm nominal dia Pipes	metre	250.33	564.08	141,208.03
	SUB HEAD 19 . DRAINAGE					
95	19.18	Supplying and fixing C.I. cover without frame for manholes :				
(a)	19.18.2	500 mm diameter C.I. cover (medium duty) the weight of the cover to be not less than 58 kg	each	1.00	2,900.36	2,900.36
96	19.3	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg), R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 fine sand : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand), finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design:				
	19.30.1	Inside dimensions 455x610 mm and 45 cm deep for single pipe line :				
(a)	19.30.1.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	53.33	5,794.69	309,050.30

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Tender No.:IRCON/2065/KSDP/Tender/ Res Bdlg MWJ , BEHR, KHBJ & NKJ/133 dated 18.04.2024.						
S. No.	Item no	Description of Items	Unit	Total Qty	Rate Including GST @18%	Amount Including GST @ 18% (Rs)
97	19.1	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				
(a)	19.1.3	200 mm Diameter	Meter	245.00	748.20	183,309.55
98	19.2	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 :				
a	19.2.1	100 mm diameter S.W. pipe	Meter	102.67	806.86	82,837.45
b	19.2.3	200 mm diameter S.W. pipe	Meter	275.00	1,150.32	316,339.36
99	19.4	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:				
(a)	19.4.2	150 x 100 mm size P type				
	19.4.2.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	52.33	2,229.47	116,675.58
100	19.7	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design .				
	19.7.1	Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) :				
(a)	19.7.1.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	59.67	10,530.24	628,304.56
101	19.8	Extra for depth for manholes :				
	19.8.1	Size 90x80 cm				

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Tender No.:IRCON/2065/KSDP/Tender/ Res Bdlg MWJ , BEHR, KHBJ & NKJ/133 dated 18.04.2024.						
S. No.	Item no	Description of Items	Unit	Total Qty	Rate Including GST @18%	Amount Including GST @ 18% (Rs)
(a)	19.8.1.1	With common burnt clay F.P.S. (non modular)bricks of class designation 7.5	Meter	25.83	7,322.95	189,176.17
102	19.32	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm drybrick honey comb shaft with bricks and S.W. drain pipe 100 mmdiameter, 1.8 m long complete as per standard design.				
(a)	19.32.1	Soak pit 2.50m dia and 3m deep With common burnt clay F.P.S. (non modular) bricks ofclass designation 7.5	Each	6.83	25,254.66	172,573.54
SUB HEAD : 21 ALUMINIUM WORK						
103	21.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :				
	21.1.1	For fixed portion				
(a)	21.1.1.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	Kg	260.83	391.00	101,984.57
104	21.1.2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)				
(a)	21.1.2.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	Kg	2,679.67	479.16	1,283,987.46
105	21.3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):				

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Tender No.:IRCON/2065/KSDP/Tender/ Res Bdlg MWJ , BEHR, KHBj & NKJ/133 dated 18.04.2024.

S. No.	Item no	Description of Items	Unit	Total Qty	Rate Including GST @18%	Amount Including GST @ 18% (Rs)
(a)	21.3.1	With float glass panes of 4.0 mm thickness (weight not less than 10kg/sqm)	Sqm	248.17	918.85	228,029.03
	SUB HEAD : 22 WATER PROOFING WORK					
106	22.5	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 :				
		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.				
		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.				
a		The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	Sqm	196.00	465.46	91,230.94
107	22.6	Providing and laying water proofing treatment on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying: a) after surface preparation, first layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. b) laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 cm. c) third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/sqm mixed with water proofing cement compound @ 0.670 kg/sqm and coarse sand @ 1.289 kg/sqm. This will be allowed to air cure for 4 hours followed by water curing for 48 hours. The entire treatment will be taken upto 30 cm on parapet wall and tucked into groove in parapet all around. d) fourth and final layer of brick tiling with cement mortar (which will be paid for separately. For the purpose of measurement the entire treated surface will be measured.	Sqm	2,293.83	527.59	1,210,201.04
108	23.1	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge, upto 90 metre depth below ground level.				
(a)	23.1.1	All types of soil				

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Tender No.:IRCON/2065/KSDP/Tender/ Res Bdlg MWJ , BEHR, KHBj & NKJ/133 dated 18.04.2024.						
S. No.	Item no	Description of Items	Unit	Total Qty	Rate Including GST @18%	Amount Including GST @ 18% (Rs)
(i)	23.1.1.1	300 mm dia	metre	300.00	533.45	160,033.65
109	23.2	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer -in-charge, beyond 90 metre & upto 150 metre depth below ground level.				
(a)	23.2.1	All types of soil				
(i)	23.2.1.1	300 mm dia	metre	150.00	622.33	93,349.59
110	23.3	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				
(a)	23.3.3	200 mm nominal size dia	metre	300.00	875.16	262,546.55
111	23.4	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.				
(a)	23.4.3	200 mm nominal size dia	metre	150.00	990.44	148,565.99
112	23.8	Gravel packing in tubewell construction in accordance with IS: 4097, including providing gravel fine/ medium/ coarse, in required grading & sizes as per actual requirement, all complete as per direction of Engineer-in-charge.	cum	12.00	1,332.83	15,993.90
TOTAL Schedule -I (DSR-2021 ITEMS) WITH LAR FACTOR -85.52 %						172,756,783.08
Schedle -II (LAR FACTOR @ 85.52% OF Item Rate of DSR 2021 With 18% GST.)						
113		Unforseen any items of DSR 2021 (LAR FACTOR @ 85.52% OF Item Rate of DSR 2021 With 18% GST.)	LS			3,000,000.00
Total Of Shhedule II including GST 18%						3,000,000.00
Schedule - III (FACTOR @ 85.52% OF Item Rate of USSOR 2021 With 18% GST.)						

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S. No.	Item no	Description of Items	Unit	Total Qty	Rate Including GST @18%	Amount Including GST @ 18% (Rs)
11		5 H.P pump (15 stage) with Starter & Accessories (make crompton or equivalent , including supply and instalation with necessary accessories)	Nos	3.00	46,229.68	138,689.04
12		Providing & fixing 2 m high lightening arrester with spike to highest point of the structure	NOS	1.00	1278.43	1,278.43
13		Providing & fixing of water level indicator OH water tank	NOS	1.00	5327.00	5,327.00
14		Providing & fixing of Tensile Fire Retardant Fabric over MS Frame including PU Paint as per detail given below . It will be welded to shape and pattern. The joint shall have homogeneous weld width of 40mm. The Fabric shall be installed , tensioned using a tensionning device and shall not sag at any point . The fabric will be fixed on the frame with fixing accessories like pwder coated almunium flat , GI wire, MS laser cut plates, fittings	sqm.	649.40	7,657.55	4,972,811.86
15		Providing Road Vehicle s Mentioned below for use of Enginner/Employer as per condition mentioned in special condition of Contract-I.				
(a)		TaTa Sumo ,Bulero, Scorpio or Similar SUV 3000Km in one Month and Extra Km will be payable in item no 1b	Vehicle Month	24.00	71,601.41	1,718,433.86
(b)		Running Charges (Extra over 1a	Per Km	1,000.00	17.99	17,993.36
		Total of Schedule IV Including GST @18%				8,275,235.22
		Gross Amount of Estimate (Schedule I+Sch-II + Sch III +Sch IV , including 18% GST)				185,032,018.30
		Revised offer after negotiation @ 2.97% above estimated cost.				5,495,450.94
		Grand total Amount (Schedule I+Sch-II + Sch III +Sch IV , including 18% GST)				190,527,469

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