

प्रगति की ओर अग्रसर
Urge to Stay Ahead

इरकॉन

इरकॉन इंटरनेशनल लिमिटेड
(भारत सरकार का उपक्रम)
IRCON INTERNATIONAL LIMITED

ircon

परियोजना कार्यालय :

कटनी ग्रेड सेपरेटर बायपास लाईन परियोजना
तीसरी मंजिल, मारुती सुजुकी शोरूम के उपर
झिंझरी पुलिस चौकी के पास,
एन. एच. 7, जबलपुर रोड, कटनी-483501 (म.प्र.)
ई-मेल - katnigs.2074@ircon.org
फोन / फैक्स : 07622-262369

Project Office :

Katni Grade Separator Bypass Line Project,
3rd Floor, Above Maruti Suzuki Showroom,
Near Jhinhari Police Chowki,
NH-7, Jabalpur Road, Katni 483 501(M.P.)
email - katnigs.2074@ircon.org
Phone /Fax : 07622-262369

(Original Copy)

Date: 21.01.2025

No: IRCON/2074/KATNI-GS/Misc/LOA/1013/ 3968

To,

M/s Manish Goyal

A-228B, Patel Nagar, City Center

Gwalior (M.P.) 474011

Email ID: manish_48@hotmail.com

(Letter of Acceptance)

Sub.: Letter of Acceptance for the work of "Circulating area development work for railway utilities building, modification at existing S&T building at NKJ C, construction of precast central drain works at various location and other miscellaneous civil works in connection to the Katni Grade Separator Project".

Ref.: 1. IRCON/2074/KATNI-GS/Tender/Misc/Date: 07.09.2024

(Tender ID 2024_IRCON_207657_1)

2. Corrigendum No.1 dtd.26.09.2024

3. Corrigendum No.2 dtd.27.09.2024

4. Your Technical e-Bid opened on 03.10.2024

5. Your Financial e-Bid opened on 21.10.2024

1. Your offer at **(-) 15.69% below** the estimated cost for the work "Circulating area development work for railway utilities building, modification at existing S&T building at NKJ C, construction of precast central drain works at various location and other miscellaneous civil works in connection to the Katni Grade Separator Project" submitted vide references above, has been accepted by the competent authority of IRCON International Limited at the total cost of **Rs. 6,60,73,329/-** (SIX CRORE SIXTY LAKH SEVENTY-THREE THOUSAND THREE HUNDRED TWENTY-NINE RUPEES ONLY) inclusive of 18% GST and all other taxes, duties, etc., are inclusive in the rates of items/schedules as per Annexure "A" (attached herewith) to this letter and terms & conditions, incorporating all the corrigendum's issued to the tender documents.
2. In terms of para 14.1 of Special Condition of Contract, you are requested to submit a Performance Guarantee (P.G) amount of **Rs.33,03,666/-** and Additional Performance Guarantee amount of **Rs.22,29,612.38/-** in the form of irrevocable bank guarantee on the Performa annexed as Annexure-II of the tender document from any Scheduled Bank.

पंजीकृत कार्यालय : सी-4, डिस्ट्रिक्ट सेंटर, साकेत, नई दिल्ली - 110017, भारत

Reg. Office : C-4, District Centre, Saket, New Delhi - 110017 INDIA

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CIN-L45203DL1976GOI008171



3. The Earnest Money Deposited by you through NEFT or RTGS shall be dealt as per sub-Clause no 9.3 of Instructions to Tenderers.
4. The entire work is required to be completed within **04 (FOUR) months** from the date of issue of this letter of acceptance.
5. In terms of clause 14.2 (Retention Money) of Special Condition of Contract (Part-1).
 - 5.1 Retention money for all contracts shall be recovered from on account/final bills of the contractor @ 10% of gross value of each bill, till the amount so recovered including EMD amount adds unto 5% of the contract value of the work.
 - 5.2 No interest shall be payable to the Contractor on the amount retained in cash towards retention money.
6. Your kind attention is invited to the provision of clause 22.0 of Special Condition of Contract. You are required to submit/comply the following:
 - 6.1 In terms of clause 22.1: A programme for completion of work to be submitted to the Engineer-in charge 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 22.1 of Special Condition of Contract).
 - 6.2 In terms of clause 22.2: Key Date & Milestones for completion of work to be submitted to the Engineer-in charge as per milestones mentioned in tender document for his approval within 15 days of award of contract. These shall be incorporated in the Contract Agreement after approval by the Engineer in charge.
 - 6.3 In terms of clause No. 22.3: Within 15 days of award of contract, the contractor shall also submit resource deployment program 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.
 - 6.4 In terms of clause No. 22.4: Within 15 days of award of contract, the contractor shall also submit cash flow statement and cumulative monthly progress plan (in the form of S curve). These shall be incorporated in the Contract agreement after approval by Engineer-in-charge.
 - 6.5 In term of clause 22.5: Within 18 days of award of contract, the Contractor shall submit to IRCON Method statement for various activities and Quality Assurance Plan (QAP) and start the work after their approval.
 - 6.6 In terms of clause No. 22.6: Within 15 days of award of contract, the contractor shall also submit to IRCON, 'Organization in the project with the C.V of the key staff to be deployed at the project site.



- 6.7 In terms of clause No. 22.7: Within 21 days of the award of the contract, the contractor should start the work and complete the work in all respect within agreed time schedule as approved by IRCON.
7. You are requested to attend this office for signing of the Contract Agreement within 28 days after issue of this letter as per clause no. 18.5 of Special Condition of Contract.
8. All other terms and conditions shall be as per Tender Documents and Corrigendum's, which shall form an integral part of this contract and shall be binding on you. This letter of acceptance, along with your submitted revised offer mentioned in reference, shall constitute a binding contract between you and Ircon International Limited, till a formal agreement is drawn and executed.
9. 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.
10. Corrections if any: While every care has been taken to fully incorporate the decision of the accepting authority regarding acceptance of your offer, IRCON reserves the rights to correct the inadvertent mistakes which may have occurred in communication of the accepted rates and other terms and conditions at the time of signing the formal contract agreement between the contractor and IRCON.
11. All other terms and conditions, as stipulated in the tender documents shall be applicable.

Kindly acknowledge the receipt of this letter.

Thanking You,

Encl.: (1) BOQ
(2) Rate quoted sheet


(Dharmendra K. Pandey) IRSE
General Manager/C/PH
Katni Grade Separator Project

Copy to: 1. JGM/Fin/KGS for information and n.a.
2. Sh. Neeraj Kaithwas, DGM/C for n.a.

Bill of Quantity		
Name of Work : Circulating area development work for railway utilities buildings, modification at existing S&T building at NKJ C, construction of precast central drain works at various location and other miscellaneous civil works in connection to the Katni Grade Separator Project		
IRCON/2074/KATNI-GS/Tender/Misc/Date: 07/09/2024		
S.No.	Description	Total Amount with GST @18%
1	Schedule-A : DSR 2021 Items: Circulating Area development, Drain works and other miscellaneous building works	₹ 4,39,85,412
2	Schedule-B : TMT Bar (Reinforcement items)	₹ 61,06,747
3	Schedule-C : Other than USSOR & DSR items	₹ 2,82,77,345
	Estimated Cost with GST @18%	₹ 7,83,69,504
	L-1 Bidder M/s Manish Goyal Quoted Rate	(-) 15.69% Below
	Accepted Amount with GST of 18%	₹ 6,60,73,329



LOA of M/s Manish Goyal
 11/9/24
 21/01/25

BILL OF QUANTITY						
Name of Work: Circulating area development work for railway utilities buildings, modification at existing S&T building at NKJ C, construction of precast central drain works at various location and other miscellaneous civil works in connection to the Katni Grade Separator Project						
Schedule-A : Circulating Area development, drain works and other miscellaneous building works.						
S. No.	Item no	Description of Items	Unit	Qty	DSR 2021 rate with GST @ 18%	Amount Including GST @ 18% (Rs)
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				
(a)	2.6.1	All kinds of soil	Cum	5,051	₹ 216.46	10,93,212.29
2	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	1,197.08	₹ 110.10	1,31,796.37
3	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	10,309	₹ 29.66	3,05,744.69
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	10,000	₹ 388.40	38,83,991.07
5	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	Cum	500	₹ 2,276.98	11,38,489.29
CONCRETE WORK						
6	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	788	₹ 7,199.48	56,70,666.48
7	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 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation levelling & dressing & finishing the top smooth.	Sqm	75	₹ 718.17	53,862.52
8	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
(a)	5.9.1	Foundations, footings, bases for columns	Sqm	490.0	₹ 324.45	1,58,979.19
(b)	5.9.2	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	Sqm	3,400	₹ 705.42	23,98,423.75
(c)	5.9.3	Suspended floors, roofs, landings, balconies and access platform	Sqm	871	₹ 807.62	7,03,707.41
(d)	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers	Sqm	211	₹ 640.94	1,34,917.91
(e)	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	634	₹ 847.33	5,37,210.28
9	5.9.19	Weather shade, Chajjas, corbels etc., including edges	Sqm	90	₹ 858.61	77,274.72
10	5.33	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.				
(a)	5.33.1	All works upto plinth level				
(b)	5.33.1.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	Cum	564	₹ 9,149.00	51,60,038.01
(d)	5.33.2.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	Cum	302	₹ 10,858.32	32,77,583.25
11	5.35	Add for using extra cement in the items of design mix over and above the specified cement content therein.	Quintal	500	₹ 725.33	3,62,665.63
MASONRY WORK						
12	6.36	Brick work with modular extruded burnt 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	50	₹ 6,878.45	3,43,922.59
13	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	215	₹ 8,865.43	19,06,068.49
(b)	6.32.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	155	₹ 8,629.70	13,37,603.22
CLADDING WORK						
14	8.2	Providing and fixing 18 mm thick gang saw cut, mirror polished, pre-moulded and pre-polished, 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				

Reg. No.
N/A
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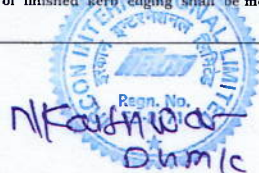
For LRA of MIS masonry work
11/9/2021

S. No.	Item no	Description of Items	Unit	Qty	DSR 2021 rate with GST @ 18%	Amount Including GST @ 18% (Rs)
(a)	8.2.2.2	Area of slab over 0.50 sqm	Sqm	33	₹ 4,662.42	1,54,279.55
15	8.3	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.				
(a)	8.3.2	Granite work	Meter	93	₹ 441.29	40,880.96
(b)	8.31	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-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 pointing in white cement mixed with pigment of matching shade complete.	Sqm	67	₹ 1,120.42	75,068.18
Steel Work						
16	10.28	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, 1/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	7,000	₹ 645.05	45,15,343.75
WOOD AND PVC WORK						
17	9.7.7.1	Float glass panes				
(a)	9.7.7.1	4 mm thick glass pane (weight not less than 10kg/sqm).	Sqm	333	₹ 1,998.73	6,65,157.48
18	9.21	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:				
(a)	9.21.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm	97	₹ 2,123.74	2,06,172.35
19	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:				
(a)	9.27.1	35 mm thick shutters with ISI marked M.S. pressed butt hinges bright finished of required size				
(a)	9.27.1.1.1	Second class teak wood	Sqm	97	₹ 4,574.92	4,41,663.09
20	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	44	₹ 274.24	12,066.76
21	9.97	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:				
(a)	9.97.1	300x10 mm	Each	30	₹ 123.95	3,718.58
22	9.1	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:				
(a)	9.100.1	125 mm	Each	44	₹ 63.27	2,783.75
23	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	22	₹ 65.58	1,442.87
FLOORING WORK						
24	11.26	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):				
(a)	11.26.1	25 mm thick	Sqm	270	₹ 1,798.03	4,85,089.16
25	11.27	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	87	₹ 2,147.76	1,87,885.87
26	11.3.1	Cement Conc Flooring 1:2:4 40 mm thick with 20 mm nominal size stone	Sqm	100	₹ 574.20	57,419.64
27	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	12	₹ 1,166.36	13,996.28
28	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	256	₹ 1,492.54	3,82,090.74
29	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, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.				
(a)	11.41A.3.1	Size of Tile 600 x 600 mm	Sqm	99	₹ 1,381.28	1,36,747.20
ROOFING						
30	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, in Single socketed pipes.	Metre			
(a)	12.41.2	110 mm diameter	Metre	295	₹ 336.88	99,379.44
(b)	12.41.1	75 mm diameter	Metre	60	₹ 224.41	13,464.64

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For UAT for the main work
Date 21/01/25

S. No.	Item no	Description of Items	Unit	Qty	DSR 2021 rate with GST @ 18%	Amount Including GST @ 18% (Rs)
31	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	20	₹ 84.08	1,681.50
(ii)	12.42.1.2	110 mm	each	60	₹ 126.38	7,582.55
(b)	12.42.3	Single tee with door				
(i)	12.42.3.2	110x110x110 mm	each	24	₹ 216.46	5,194.95
(c)	12.42.5	Bend 87.5°				
(i)	12.42.5.2	110 mm bend	each	40	₹ 139.07	5,562.86
(d)	12.42.6	Shoe (Plain)				
(i)	12.42.6.2	110 mm Shoe	each	16	₹ 122.16	1,954.59
32	12.43	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)	12.43.2	110 mm	each	40	₹ 326.08	13,043.21
33	12.50	Providing and fixing precoated 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	560	₹ 707.53	3,96,214.50
34	12.51	Providing and fixing precoated 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	100	₹ 474.74	47,473.93
FINISHING						
35	13.1	12 mm cement plaster of mix :				
(a)	13.1.2	1:6 (1 cement: 6 fine sand)	Sqm	792	₹ 297.11	2,35,308.86
36	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	792	₹ 341.67	2,70,605.19
37	13.16	6 mm cement plaster of mix :				
(a)	13.16.1	1:3 (1 cement : 3 fine sand)	Sqm	532	₹ 266.61	1,41,834.53
38	13.18	Neat cement punning	Sqm	11	₹ 71.43	820.04
39	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	4,770	₹ 97.72	4,66,131.14
40	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	2,117	₹ 67.90	1,43,744.54
41	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	105	₹ 152.66	16,078.41
(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	291	₹ 147.55	42,920.12
ROAD WORK						
42	16.3	Supplying and stacking at site				
(a)	16.3.10	Moorum	Cum	200	₹ 935.89	1,87,177.50
43	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	260.765	₹ 7,795.59	20,32,814.35
44	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	2,600	₹ 1,001.95	26,05,060.71
45	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	65.5	₹ 9,074.99	5,94,411.86



For L.O.A of Mr. S. Manoj Kumar
 D.D. 21/01/25

S. No.	Item no	Description of Items	Unit	Qty	DSR 2021 rate with GST @ 18%	Amount Including GST @ 18% (Rs)
SANITARY INSTALLATIONS						
46	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	3	₹ 6,091.07	18,273.20
47	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	3	₹ 5,837.37	17,512.10
48	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	5	₹ 2,396.88	11,984.38
49	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:				
(a)	17.10.1	Kitchen sink with drain board				
(a)	17.10.1.1	510x1040 mm bowl depth 250 mm	Each	4	₹ 6,330.33	25,321.33
50	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	5	₹ 315.39	1,576.93
51	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	5	₹ 1,221.04	6,105.18
52	17.34	Providing and fixing toilet paper holder:				
(a)	17.34.1	C.P. brass	Each	5	₹ 717.27	3,586.36
WATER SUPPLY						
53	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	75	₹ 320.44	24,033.28
(b)	18.10.3	25 mm dia nominal bore	metre	90	₹ 517.51	46,576.29
54	18.12	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc.				
(c)	18.12.6	50 mm dia nominal bore	metre	130	₹ 689.25	89,602.04
55	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	9	₹ 560.87	5,047.82
(c)	18.17.3	40 mm nominal bore	Each	3	₹ 745.19	2,235.57
(d)	18.17.4	50 mm nominal bore	Each	3	₹ 925.30	2,775.90
DRAINAGE						
56	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	2	₹ 3,391.45	6,782.89
57	19.30	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:				
(a)	19.30.1.1	Inside dimensions 455x610 mm and 45 cm deep for single pipe line: With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	2	₹ 6,775.83	13,551.67
WATER PROOFING WORK						
58	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	525	₹ 616.92	3,24,024.24
Total Estimated Cost of Schedule-A Including GST @ 18%						₹ 4,39,85,412
L-1 Bidder M/s Manish Goyal Quoted Rate						(-) 15.69% Below
Total Amount with 18% GST under Schedule-A						₹ 3,70,84,101



for L-1 of m/s Manish Goyal
 11/11/25

BILL OF QUANTITY					
Name of Work: Circulating area development work for railway utilities buildings, modification at existing S&T building at NKJ C, construction of precast central drain works at various location and other miscellaneous civil works in connection to the Katni Grade Separator Project					
Schedule-B : TMT Bar (Reinforcement items)					
SN	Item Description	Unit	Estimate rate Incl GST@ 18%	Qty	Total Amount GST @18%
1	Supplying Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.				
a	Thermo-Mechanically Treated bars	kg	₹ 102.70	59462	₹ 61,06,747.40
	Total Estimated Cost of Schedule-B Including GST @18%				₹ 61,06,747
	L-1 Bidder M/s Manish Goyal Quoted Rate				(-) 15.69% Below
	Total Amount with 18% GST under Schedule-B				₹ 51,48,599



D. J. Jha
21/01/25

BILL OF QUANTITY

Name of Work: Circulating area development work for railway utilities buildings, modification at existing S&T buildings at NKJ C, construction of precast central drain works at various location and other miscellaneous civil works in connection to the Katni Grade Separator Project

Schedule-C : Other than USSOR & DSR items

S. No.	Description	Unit	QTY	Estimated rate @18 % GST	Total amount @18% GST
1	GAD Preparation and approval: Geographical survey of the site, preparation of layout plan showing location of blocks and allied amenities unit plan, block plan and elevation, drainage and water harvesting scheme, sewerage system showing sewer lines and septic tank/soak pits, water supply system showing water mains and pump house/water tank etc. Boundary wall/compound wall/fencing and any other drawing necessary to complete the work	Set	2	₹ 24,101.61	₹ 48,203
2	Structural design and drawing of G+1 Buildings, Canteen Building and Store Sheds and any other building/structure for both UP & DN line at different location, slab over drain and culverts etc and vetting/proof checking from NIT/any other state Government Engineering College	Set	2	₹ 26,415.72	₹ 52,831
3	Supply and placing of U -Shape precast drain segment having clear opening of 300x300 (without cover)to required line , grade on prepared levelling course and sealing of joint with cement mortar .complete transporation to the site for all leads and liftslaid with finishing , curing etc including all tools and plant , labour and lead as per direction of enggineer in charge.	RM	850	₹ 4,000.00	₹ 34,00,000
4	Providing and laying of filter media consisting of granular materials of GW, GP, SW groups as per IS:1498 (latest) in required profile behind boulder filling of abutments, wing walls/return walls etc. above bed level with all labour and material complete job as per drawing and technical specification of RDSO Guidelines.	Cum	10000	₹ 1,802.23	₹ 1,80,22,300
5	Steel work in built up tubular trusses including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, welded and bolted including special shaped washers etc. complete				
a	Hot finished welded type tubes	Kg	13000	₹ 173.99	₹ 22,61,870
6	Providing and fixing M.S. round holding down bolts with nuts and washer plates complete	Kg	300	₹ 141.02	₹ 42,306
7	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				

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D.P. Jha

21/11/25

S. No.	Description	Unit	QTY	Estimated rate @18 % GST	Total amount @18% GST
a	In gratings, frames, guard bar, ladders, railings, brackets, gates and similar works	Kg	12500	₹ 150.22	₹ 18,77,750
8	Bore well works				
a	Drilling of Bore well in all kind of soil	MTR	99	₹ 590	₹ 58,410
b	PVC Casing of 200mm dia pipe (Swastik -Class 3 6.0Kg/cm2 Pressure)	MTR	100	₹ 1,124.54	₹ 1,11,892
c	Aggregate	Cum	2	₹ 1,349.92	₹ 2,700
d	50mm dia PVC pipe	MTR	100	₹ 139.24	₹ 13,924
e	Cable 6mm (Finolex of Polycab)	MTR	100	₹ 174.64	₹ 17,464
f	Nylon Rope	MTR	100.1	₹ 34.22	₹ 3,425
g	5 HP pump (15 stage) (Crompton , Kirloskar, SKF, Unnati) + Starter + accessories	Nos	1	₹ 39,199.60	₹ 39,200
h	Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, i/c disinfection of tubewell, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per requirement and direction of Engineer-in-charge.	Hour	20.0	₹ 1,829	₹ 36,580
9	Construction of boundary wall using pre-cast panels including excavation for footings, transportation of precast units from casting yards to work site, fixing to required profile & grouting etc as complete job with following specifications:	Sqm	650	₹ 1,368.50	₹ 8,89,525
	RCC Precast Pole- 12' (3657 mm) height of following sepection - post column 150mm*150mm*3657mm with 3.5mm of high tensile steel in 8 vertical bars.				
	RCC Precast Panels- Height 1'(304mm) length 6'(1828mm) & thickness 2'(51mm) with 3.5mm of high tensile steel in 4 verticals bars and 6 Horizontal bars.				
	Footing/Grouting- 300x600x600 mm with concrete mix of 1:2:4				
10	Any civil enginnering items (USSOR/DSR items related to civil work) not covered under subject work BOQ sch items for completion of subject work.	LS			₹ 13,98,966
	Total Estimated Cost of Schedule-C Including GST @18%				₹ 2,82,77,345
	L-1 Bidder M/s Manish Goyal Quoted Rate				(-) 15.69% Below
	Total Amount with 18% GST under Schedule-C				₹ 2,38,40,630

N. K. Goyal
Dhmic

M. P. Goyal
21/1/15

Validate

Print

Help

Percentage BoQ

Tender Inviting Authority: GM/KGS/PH/KATNI, IRCON International Limited

Name of Work: Circulating area development work for railway utilities buildings, modification at existing SnT building at NKJ C, construction of precast central drain works at various location and other miscellaneous civil works in connection to the Katni Grade Separator Project

Contract No: IRCON/2074/KATNI-GS/Tender/Misc Dated 05/09/2024

Name of the Bidder/
Bidding Firm /
Company : M/S MANISH GOYAL**PRICE SCHEDULE**

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate with GST @18% In Rs.	TOTAL AMOUNT With GST In Rs.	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1	Item Description					
1.01	Schedule-A DSR 2021 Items: Circulating Area development, drain works and other miscellaneous building works	1.00	Nos	43985412	43985412.00	INR Four Crore Thirty Nine Lakh Eighty Five Thousand Four Hundred & Twelve Only
1.02	Schedule-B TMT Bar (Reinforcement Items)	1.00	Nos	6106747	6106747.00	INR Sixty One Lakh Six Thousand Seven Hundred & Forty Seven Only
1.03	Schedule-C Otherthan USSOR and DSR items	1.00	Nos	28277345	28277345.00	INR Two Crore Eighty Two Lakh Seventy Seven Thousand Three Hundred & Forty Five Only
Total In Figures					78369504.00	INR Seven Crore Eighty Three Lakh Sixty Nine Thousand Five Hundred & Four Only
Quoted Rate in Figures			Less (-)	15.69%	66073328.82	INR Six Crore Sixty Lakh Seventy Three Thousand Three Hundred & Twenty Eight and Paise Eighty Two Only
Quoted Rate in Words		INR Six Crore Sixty Lakh Seventy Three Thousand Three Hundred & Twenty Eight and Paise Eighty Two Only				



11/10/24
21/10/24