



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/ Balance PF works NKJ to BEHR /136/745 Date: 12.08.2024

M/s Niranjana Kumar Panjwani
4, Bungalow, Samdariya Colony,
Madhav Nagar, Katni,
M.P. 483504

(Letter of Acceptance)

Sub: Construction of High-level platform at Salhana, Khanna Banjari & balance work of Mahroi, balance passengers essential amenities at Various stations, development of outside of station, CC Roads, CC Pathway and other misc. from New Katni Jn. to Beohari of Katni-Singrauli Rail Doubling Project.

- (i) Tender No.: IRCON/2065/KSDP/Tender/ Balance PF works NKJ to BEHR /136 dated 26.07.2024.
- (ii) Bid submitted on 02.08.2024 and opened on 03.08.2024.

Your offer for the work of "Construction of High-level platform at Salhana, Khanna Banjari & balance work of Mahroi, balance passengers essential amenities at Various stations, development of outside of station, CC Roads, CC Pathway and other misc. from New Katni Jn. to Beohari of Katni-Singrauli Rail Doubling Project "submitted vide references above, has been accepted by the Competent Authority of Ircon International Limited at the total Contract Value of Rs. 18,69,80,681.08 (Eighteen Crore Sixty-Nine Lakh Eighty Thousand Six Hundred Eighty-One and Paise Eight only) including all tax (GST)i.e. 2.61 % above the estimated cost of work (Rs 18,22,24,618.54) including GST @ 18% at the accepted rates of items / schedules as per Annexure-I (attached herewith) to this letter and terms and conditions, incorporating all the corrigendum and addendums issued to the tender documents.

1. In term of para 7.1 (i) of Special Conditions of Contract: you are requested to submit a Performance Guarantee (P.G.) 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. 93,49, 035/- (Rupees Ninety-Three Lakhs Forty-Nine Thousand Thirty-Five only).


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2. The entire work is required to be completed within **06 (Six) 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 Corrigendums 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.


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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 Doubling Project for further instructions at the following address:

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

Thanking You

Enclosed:

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

For & on behalf of
IRCON International Limited



(Akhilesh Sahu)
CGM/PH

Copy to:

- (i) AGM/Civil-I & AGM/Civil-II for information & necessary action.
- (ii) GM/Fin & JGM/Fin for information please.

Abstract of Schedules

Name of work:- Construction of High level platform at Salhana, Khanna Banjari & balance work of Mahroi, balance passangersessential amentities at Various stations, deveopmant of out side of station, CC Roads, CC Pathway and other misc. from New Katni Jn. to Beohari of Katni-Singrauli Rail Doubling Project.

NIT No: IRCON/2065/KSDP/Tender/ Balance PF works NKJ to BEHR /136 dated 26.07.2024

Schedule-I	Item of DSR- 2021	161,198,702.51
Schedule-II	Any Unforseen item of DSR- 2021	2,107,000.00
Schedule-III	Any Unforseen item of USSOR-2019	804,816.06
Schedule-IV	Non SOR Items as detailed in the BOQ	17,406,648.97
Schedule-V	Non SOR Items as detailed in the BOQ (For re-erection of PF shelter)	707,451.00
Total Value of work including 18% GST		182,224,618.54
Quoted price @ 2.61% above estimated cost		4,756,062.54
Grand Total with 18% GST		186,980,681.08


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M. K. Singh
Annex

Name of Work: Construction of High Level Platform at Salhana, Khanna Banjari & Balance work of Mahroi balance passengers essential amenities at various stations, development of out side of station, CC Roads, cc pathway and other misc. from New Katni Jn. to Beohari of Katni-Singrauli Doubling Project.

Bill of Quantities (BOQ)

NIT No: IRCON/2065/KSDP/Tender/ Balance PF works NKJ to BEHR /136 dated 26.07.2024

Sl. No.	DSR Item No.	Description	Unit	Rate	Quantity	Amount ₹
Schedule - I						
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	205.45	4,140.00	850,563.00
3	2.8	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
4	2.8.1	All kinds of soil	cum	286.85	306.00	87,776.10
5	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 up to 50 m and lift upto 1.5 m.	cum	253.95	3,610.00	916,759.50
6	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	368.65	28,007.00	10,324,780.55
7	2.28	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.				
8	2.28.1	All kinds of soil	sqm	28.15	24,419.00	687,394.85
9	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
10	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	6,670.25	5,445.00	36,319,511.25
11	4.3	Centering and shuttering including strutting, propping etc. and removal of form work for :				
12	4.3.1	Foundations, footings, bases for columns	sqm	307.95	5,231.00	1,610,886.45
13	4.3.2	Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	sqm	669.55	5,121.00	3,428,765.55
14	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
15	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	kg	89.65	203,249.00	18,221,272.85

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Bill of Quantities (BOQ)						
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Sl. No.	DSR Item No.	Description	Unit	Rate	Quantity	Amount ₹
16	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, arriage 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.				
17	5.33.1	All works upto plinth level				
18	5.33.1.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	7,997.30	1,877.00	15,010,932.10
19	5.33.2	All works above plinth level upto floor V level				
20	5.33.2.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	10,080.15	786.00	7,922,997.90
21	5.35	Add for using extra cement in the items of design mix over and above the specified cement content therein.	quintal	688.45	1,799.00	1,238,521.55
22	12.50	Providing and fixing precast 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	671.55	1,155.00	775,640.25
23	16.2	Extra for compaction of earth work in embankment under optimum moisture conditions to give at least 95% of the maximum dry density (proctor density).	cum	20.55	35,622.00	732,032.10
24	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.				

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Bill of Quantities (BOQ)						
NIT No: IRCON/2065/KSDP/Tender/ Balance PF works NKJ to BEHR /136 dated 26.07.2024						
Sl. No.	DSR Item No.	Description	Unit	Rate	Quantity	Amount ₹
25	12.41.1	75 mm diameter	metre	213.00	480.00	102,240.00
26	13.46	Finishing walls with Acrylic Smooth exterior paint of required shade :				
27	13.46.1	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	sqm	166.85	3,639.00	607,167.15
28	15.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
29	15.2.1	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	cum	2,007.10	331.00	664,350.10
30	16.75	Providing and laying C.C. pavement of mix M-25 with ready mixed concrete from batching plant. The ready mixed concrete shall be laid and finished with screed board vibrator , vacuum dewatering process and finally finished by floating, brooming with wire brush etc. complete as per specifications and directions of Engineer-incharge. (The panel shuttering work shall be paid for separately).	cum	8,277.55	3,210.00	26,570,935.50
31	18.12	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc.				
		External work				
32	18.12.6	50 mm dia nominal bore	metre	654.20	4000.00	2,616,800.00
33	18.15	Providing and fixing brass bib cock of approved quality :				
34	18.15.1	15 mm nominal bore	each	303.85	12.00	3,646.20
35	10.16	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer including welding and bolted with special shaped washers etc. complete.				
36	10.16.1	Hot finished welded type tubes	Kg	154.90	16820.00	2,605,418.00
37	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, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	Kg	612.25	1320.00	808,170.00

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Bill of Quantities (BOQ)						
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Sl. No.	DSR Item No.	Description	Unit	Rate	Quantity	Amount ₹
38	16.60	Manufacturing, supplying and fixing retro reflective overhead signage boards made up of 2 mm thick aluminium sheet, face to be fully covered with high intensity and encapsulated lens type heat activated retro reflective sheeting conforming to type - III of ASTM-D-4956-01 as approved by Engineer-in-charge, letters, borders etc. as per IRC : 67-2001 in silver white with blue colour back ground and with high intensity grade, pasted on substrate by pressure sensitive adhesive backing which shall be activated by applying pressure conforming to class II of ASTM-D-4956-01 and fixing the same to the plate of structural frame work by means of suitable sized aluminium alloys, rivets or bolts & nuts @ 300 mm centre to centre all along the periphery as well as in two vertical rows along with theft resistant measures, including the cost of painting with two or more coats of epoxy paint in grey colour on the back side of aluminium sheet including appropriate priming coat. The rate includes the cost of rounding off the corners, lowering down the structural frame work from the gantry, fixing and erecting the same in position all complete as per drawings, specification and direction of the engineer-in-charge.(Structural frame work including M.S. plate to be provided separately. Rectangular area of the sheet only shall be measured for payment).				
39	16.60.1	Tertiary Boards at Stations.	sqm	5,609.55	77.00	431,935.35
40	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.				
41	23.1.1	All types of soil				
42	23.1.1.1	300 mm dia	metre	592.05	50	29,602.50
43	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				
44	23.3.3	200 mm nominal size dia	metre	971.30	25	24,282.50

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Bill of Quantities (BOQ)						
NIT No: IRCON/2065/KSDP/Tender/ Balance PF works NKJ to BEHR /136 dated 26.07.2024						
Sl. No.	DSR Item No.	Description	Unit	Rate	Quantity	Amount ₹
45	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				
46	23.4.3	200 mm nominal size dia	metre	1,099.25	25	27,481.25
47	23.5	Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm, in recharge pit, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	cum	1,302.30	8	10,418.40
48	1159	Stone dust	cum	1,100.00	9585	10,543,500.00
49	10.0	STEEL WORK				
50	10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	78.20	21600	1,689,120.00
51	10.16	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.				
52	10.16.1	Hot finished welded type tubes	Kg	154.90	15000	2,323,500.00
53	10.19	Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.	Kg	88.50	12000	1,062,000.00
54	10.20	Providing and fixing bolts including nuts and washers complete.	Kg	140.15	390	54,658.50
55	12	SHEET ROOFING				
56	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	671.55	1500	1,007,325.00

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Bill of Quantities (BOQ)						
NIT No: IRCON/2065/KSDP/Tender/ Balance PF works NKJ to BEHR /136 dated 26.07.2024						
Sl. No.	DSR Item No.	Description	Unit	Rate	Quantity	Amount ₹
57	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				
58	12.51.1	Ridges plain (500 - 600mm)	Metre	450.60	150	67,590.00
59	15.18	Dismantling Steel work in builtup sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	kg	4.65	109200	507,780.00
60	15.20	Extra for dismantling trusses, rafters, purlins etc. of steel work for every additional span of one metre or part thereof beyond 10 metres.	kg per metre span	0.70	19500	13,650.00
61	15.28	Dismantling roofing including ridges, hips, valleys and gutters etc. and stacking the material within 50 metres lead of:				
62	15.28.1	G.S. Sheet	sqm	136.00	1561.6	212,377.60
63		KOTA STONE FLOORING				
64	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) :				
65	11.26.1	25 mm thick	sqm	1,706.60	1000	1,706,600.00
66	13.50	Applying priming coat				
67	13.50.4	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel work (second coat)	sqm	29.75	1500	44,625.00
68	13.63	Painting with aluminium paint of approved brand and manufacture to given an even shade.				
69	13.63.1	Two or more coats on new work	sqm	121.45	1500	182,175.00
70	5.12	Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete work in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like, including the cost of required centering, shuttering but , excluding cost of reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	9,673.50	100.00	967,350.00
		Total of Schedule - I with 12% GST				153,012,532.05
		18% GST Multiplying Factor (1.18/1.12)				1.0535
		Total Amount with 18% GST				161,198,702.51

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Name of Work: Construction of High Level Platform at Salhana, Khanna Banjari & Balance work of Mahroi balance passsngerssential amenities at various stations, development of out side of station, CC Roads, cc pathway and other misc. from New Katni Jn. to Beohari of Katni-Singrauli Doubling Project.

Bill of Quantities (BOQ)

NIT No: IRCON/2065/KSDP/Tender/ Balance PF works NKJ to BEHR /136 dated 26.07.2024

NH No. IRCOR/2009/RSDT/1000

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Name of Work: Construction of High Level Platform at Salhana, Khanna Banjari & Balance work of Mahroi balance passengers essential amenities at various stations, development of out side of station, CC Roads, cc pathway and other misc. from New Katni Jn. to Beohari of Katni-Singrauli Doubling Project.

Bill of Quantities (BOQ)

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Sl. No.	LAR Sch & Sl. No.	Description	Unit	Accepted rate @ 17.91% above & including GST @ 18%	Quantity	Amount (Rs.)
LAR 1	SCH-II Sl. no. 1	Providing, hoisting and fixing in position M25 Grade Reinforced cement concrete in Precast standard Platform wall sections, including the cost of centering, shuttering, finishing, Admixtures in recommended proportion (as per IS 9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability but excluding the cost of cement and steel reinforcement, as per approved plan & as per direction of the Engineer incharge.	Cum	3,890.78	338.00	1,315,083.64
LAR 2	SCH-II Sl. no. 2	Supply and using cement at worksite :				
		PPC	Tonne	9,758.33	124.00	1,210,032.92
LAR 3	SCH-II Sl. no. 4	Moorum flooring 10 cm thick (consolidated depth) including watering and ramming. With Contractor's Moorum	Sqm	171.55	15,359.00	2,634,836.45
LAR 4	SCH-III Sl. no. 2	Supplying, erecting and fixing precast concrete reinforced bench with back rest. Bench shall consist of 2 nos. L shaped base support in natural cement colour of thickness 100 mm, back height 1000 mm, front height 450 mm, base width 620 mm and 5 nos. reinforced concrete planks in red colour and size of 1500 x 100 x 50mm and 1 no. reinforced concrete plank of 150 x 200 x 50mm; manufactured by using M-30 grade concrete & reinforced suitably; all parts to be joined with galvanised nuts and bolts of suitable size. All bolts to be sealed after assembly. Complete job to be done as per directions of Engineer Incharge	Each	12,335.69	112.00	1,381,597.28
LAR 5	SCH-IV Sl. no. 2	Railway water booth made out of SS 304 grade material ,Sheet and pipe thickness will be used 3.0 mm,over all height 1850 mm (Approx weight 116 Kg)	Nos	86,486.56	36.00	3,113,516.16
LAR 6	SCH-IV Sl. no. 1	Providing Road vehicles mentioned below for the use of Engineer/Employer as per the condition mentioned in				
	a	Tata Sumo, Bolero or similar	Vehicle / per month	80,476.86	12.00	965,722.32
	b	Extra for running and maintenance of every additional Km over and above 3000 Kms (For Tata Sumo/Bolero equivalent) as specified in special conditions of contract	Per Km	20.23	6,000.00	121,380.00

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Bill of Quantities (BOQ)						
NIT No: IRCON/2065/KSDP/Tender/ Balance PF works NKJ to BEHR /136 dated 26.07.2024						
Sl. No.	LAR Sch & Sl. No.	Description	Unit	Accepted rate @ 17.91% above & including GST @ 18%	Quantity	Amount (Rs.)
LAR 7	SCH-II Sl. no. 3	Manufacturing, supplying & fixing of pre-fabricated RCC coping stone of size 530mm x 1125mm x 100mm thick as per top face designed and approved by site Engineer with M-30 grade RCC with 8 mm dia. tor steel at 150mm c/c both ways and manufactured by vibro compaction process using jointless FRP/GRP steel moulds of required size, shape & design. The item includes cost of cement, reinforcement, transportation etc. (Note : Under layer of cement mortar to be laid as per site conditions & should be paid for separately)	Each	891.45	7,476.00	6,664,480.20
Total of Schedule - IV						17,406,648.97

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Signature
Arun C

Name of Work: Construction of High Level Platform at Salhana, Khanna Banjari & Balance work of Mahroi balance passengers essential amenities at various stations, development of out side of station, CC Roads, cc pathway and other misc. from New Katni Jn. to Beohari of Katni-Singrauli Doubling Project.

Bill of Quantities (BOQ)

NIT No: IRCON/2065/KSDP/Tender/ Balance PF works NKJ to BEHR /136 dated 26.07.2024

Sl. No.	Item no.	Description	Unit	Rate	Quantity	Amount (Rs.)
Schedule - V (Non SOR Item)						
NS-1	10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete (Excluding cost of steel)	Kg	41.68	14,400.00	600,192.00
NS-2	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 (Excluding cost of G.I. sheet).	Sqm	96.17	1,000.00	96,170.00
NS-3	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 (Excluding cost of G.I. sheet):				
		Ridges plain (500 - 600mm)	Metre	110.89	100.00	11,089.00
Total of Schedule - V (NS item)						707,451.00


12.08.24


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