



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/ Drain and Misc. Works /NKJ MWJ/138 /956 Date: 28.10.2024

M/s Steadfast Infratech,
H.No.8-3-319/1/A Behind Sarathi Studio,
YellareddyGuda, Hyderabad-500 073.
Email : sekharvelagala@gmail.com
Ph: +91-9989423333, +91-7032062599

(Letter of Acceptance)

Sub: "Construction of Side Drain, Central Drain, Toe walls, retaining walls, other protection works and miscellaneous works in Between New Katni Jn. To Beohari Station and MWJ-JOBA in connection with Katni-Singrauli Doubling Project of WCR"

- (i) Tender NIT No.: IRCON/2065/KSDP/Tender/ Drain and Misc. Works /NKJ MWJ/138 Date-07.10.2024.
- (ii) Negotiations meeting dtd 26.10.2024.
- (iii) Revised offer of M/s Steadfast Infratech dtd 26.10.2024

Your Revised offer for the work of "Construction of Side Drain, Central Drain, Toe walls, retaining walls, other protection works and miscellaneous works in Between New Katni Jn. To Beohari Station and MWJ-JOBA in connection with Katni-Singrauli Doubling Project of WCR" submitted vide references above, has been accepted by the Competent Authority of Ircon International Limited at the total Contract Value of Rs **16,30,45,646.00** (Rupees Sixteen Crore Thirty Lakhs Forty Five Thousand Six Hundred Forty Six only) i.e (0.36% below the estimated cost of the works Rs 16,36,34,731.41) including GST 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.

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


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Scheduled Bank for an amount of 5% (Five percent) of the contract value, i.e. Rs. 81,52,283/- (Rupees Eighty One Lakhs Fifty Two Thousand Two Hundred Eighty Three only).

2. The entire work is required to be completed within **09 (Nine) 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.


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5. All other terms and conditions shall be as per Revised 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.
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:

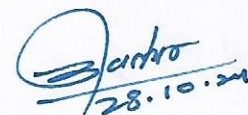
Katni Singrauli Doubling Project,
Ircon International Limited,
First Floor, Over Maruti Suzuki showroom,
Near Jhinhari Police Station, NH-7, Jabalpur
Road, Katni – 483501 (M.P). MO: 7470376222

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.

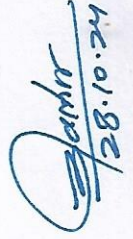
IRCON INTERNATIONAL LTD.
(Govt. of India Undertaking)

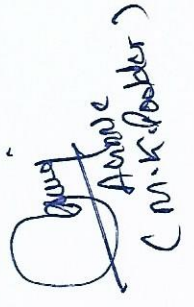
Bill of Quantity (BOQ)

Name of work- Construction of Side Drain ,Central Drain, toe walls, Retaining walls, other protection work and Miscellaneous works in Between New Katni Jn. To Beohari Station & MWJ-JOBA in connection with Katni-Singrauli Rail Doubling Project of WCR.

Tender NIT No.: IRCON/2065/KSDP/Tender/ Drain and Misc. Works /NKJ MWJ/138 Date-07.10.2024

Sl. no.	USSOR-2021 Item No.	Description of items	Unit	Quantity	Rate including GST @ 18% GST	Amount (Rs.)
SCHEDULE-I (Side drain & Toe wall)						
1	011030	Earthwork in filling in embankment, guide bunds, around buried type abutments, bridge gaps, trolley refuges, platforms etc. with contractor's own earth conforming to Soil Quality Class SQ1/SQ2/SQ3, after preparation of foundations as applicable, benching in existing banks wherever required, spreading in layers with motor grader, bringing the moisture content to OMC, mechanical compaction to specified density and dressing of bank to final profile as per RDSO Specifications: RDSO/2020/GE: IRS-0004 with latest correction slips. Note: 1) Foundation preparation, Benching including additional earthwork on account of this, wherever required, shall be paid extra under relevant schedule item for benching. 2) Payment for Earthwork under this item shall be made based on the cross section measurements calculated (i) with original ground profile of existing bank based on initial ground levels before doing benching and (ii) final profile of the bank worked out with final levels as per				
1.1	011032	Using Soil class SQ2	Cum	13270	390.06	5,175,912.87


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(M.K. Poober)

Tender NIT No.: IRCON/2065/KSDP/Tender/ Drain and Misc. Works /NKJ MWJ/138 Date-07.10.2024						
Sl. no.	USSOR-2021 Item No.	Description of items	Unit	Quantity	Rate including GST @ 18% GST	Amount (Rs.)
2	012010	Earthwork in cutting in formation, trolley refuges, side drains, level crossing approaches, platforms, catch water drains, diversion of nallah & finishing to required dimension and slopes to obtain a neat appearance to standard profile inclusive of all labour, materials, plant & machinery, leading all cut spoils either to make spoil dumps or for filling in embankment with leads within 2 km on either side of edge of the cutting(s) including all lifts, ascent, descent, loading, unloading, bailing & pumping out water, if required, clearance of site and all other works incidental thereto for completing the work as per RDSO Specification No. RDSO/2020/GE: IRS-0004 with latest updated correction slips and to the satisfaction of the Engineer-in-Charge. Note: (i) All usable earth arising from cut spoils shall be led into bank formation and Unusable spoils shall be dumped / stacked away from toe of embankment. (ii) All hard rock /and boulders not fit for filling will be stacked by the contractor and will be property of the Railways. (iii) Cut trees shall be property of Railways and to be deposited in the railway godown unless specified otherwise in the Conditions of contract.				
2.1	012011	in all conditions and classification of soil except rock	Cum	15413	116.34	1,793,090.25


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Tender NIT No.: IRCON/2065/KSDP/Tender/ Drain and Misc. Works /NKJ MWJ/138 Date-07.10.2024						
Sl. no.	USSOR-2021 Item No.	Description of items	Unit	Quantity	Rate including GST @ 18% GST	Amount (Rs.)
3	012030	Mechanical manufacturing of blanketing material by using only hard and durable stone crushed in mechanical crusher to different gradations, wet mixing of the same in designed proportion in Pug mill or wet mix plant to have uniform gradation including all incidental transportation, laying over finished formation in uniform layer(s) with motor grader, compaction with suitable vibratory roller to specified density and finishing to correct profile, complete as per RDSO Specification No. RDSO/2020/GE: IRS-0004 with latest correction slips. Note: This item shall be used only when entire constituent of blanketing material is mechanically manufactured by crushing of hard and durable stone into desired gradation of designed proportion.	Cum	3900	1985.13	7,742,007.00
4	013020	Turfing/planting, including all lead & lift and water in gas required until properly rooted with. Note: In initially payment of only 40% will be made. Balance 60% will be paid after 3 months of maintenance period, only if the turfing is properly rooted on entire turfed area.				
4.1	013022	Turfing with planted doob grass.	100Sqm	10080	8884.32	895,539.46


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Tender NIT No.: IRCON/2065/KSDP/Tender/ Drain and Misc. Works /NKJ MWJ/138 Date-07.10.2024						
Sl. no.	USSOR-2021 Item No.	Description of items	Unit	Quantity	Rate including GST @ 18% GST	Amount (Rs.)
5	013050	Provision of barricading with contractor's bamboos / ballies vertical post of 100mm dia. planted at every 2m interval, projecting at least 1.5m above ground level and driven firmly (minimum 0.5m) inside ground and including painting verticals & horizontals with red luminous paints / strips at alternative bay on barricade. Barricades shall be maintained through out the execution of the work and shall be removed in workman like manner on completion of the work only after instruction of Engineer in-Charge. Note: (1) 60% payment shall be made on provision of barricading at worksite and balance 40% payment after removal of barricades. (2) The released bamboos / ballies shall be the property of the	RM	5230	174.50	912,635.00
5.1	013051	With 3 horizontal bamboo / balli members of minimum 50mm dia. spaced equally				

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Tender NIT No.: IRCON/2065/KSDP/Tender/ Drain and Misc. Works /NKJ MWJ/138 Date-07.10.2024						
Sl. no.	USSOR-2021 Item No.	Description of items	Unit	Quantity	Rate including GST @ 18% GST	Amount (Rs.)
6	022010	Earthwork in excavation by mechanical means (Hydraulic Excavator)/Manual Means for foundations and floors of the bridges, retaining walls etc. including setting out, dressing of sides, ramming of bottom, getting out the excavated material, back filling in layers with approved material and consolidation of the layers by ramming and watering etc. including all lift, disposal of surplus soil up to a lead of 300m, all types of shoring and strutting with all labour and material complete as per drawing and technical specification as directed by Engineer in charge. Note: This item will be used for excavation work in connection with other miscellaneous works also like side drains, foundation for OHE masts and other miscellaneous structures in connection with Gauge conversion, doubling, new lines also				
6.1	022011	All kinds of soil.	Cum	8371	225.81	1,890,255.51
7	022070	Providing and fixing Weep Holes in Abutments, Wing walls and Return walls etc., of new bridges with 110mm dia UPVC pipe Type A ISI marked with all contractor's men, material, transportation, all taxes as per specifications and as directed by Engineer-in-Charge	Metre	2373	339.98	806,772.54
8	022030	Providing and laying in position Plain cement concrete of specified Nominal Mix for miscellaneous works like side drains, foundation for OHE masts and other miscellaneous structures excluding the cost of Cement, centering and shuttering - All work up to plinth level				
8.1	022032	1:2:4(1 Cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)	Cum	1163	3741.13	4,350,934.19

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Tender NIT No.: IRCON/2065/KSDP/Tender/ Drain and Misc. Works /NKJ MWJ/138 Date-07.10.2024						
Sl. no.	USSOR-2021 Item No.	Description of items	Unit	Quantity	Rate including GST @ 18% GST	Amount (Rs.)
9	024010	Providing and casting machine batched, machine mixed and machine vibrated Cement Concrete of specified grade as per approved Design Mix, mixed in Mobile Concrete Batching/Mixing Plant at site or RMC from approved plants, (Cast in-Situ/Pre-cast) in bottom/top slab, side walls, toe wall and sumps haunch filling head walls, thrust bed or any other component using 20mm graded crushed stone aggregate and coarse sand of approved quality of RCC box of any size including finishing, Plasticiser in approved proportions (as per IS:9103), to modify workability without impairing strength and durability, complete as per drawings and technical specifications as directed by Engineer in charge. Note: 1. Payment for cement, reinforcement and shuttering shall be made extra under relevant item. 2. Plasticiser shall invariably be used in approved proportion to increase workability with minimum possible quantity of cement for all grade of Design Mix Concrete unless it is specifically approved citing reasons at the stage of Mix Design and in that case deduction shall	Cum	4269	4071.15	17,379,739.35
10	025070	Supply and using Cement at Worksite				
10.1	025071	Ordinary Portland Cement 43 grade approved brands/makes centering and shuttering including strutting, propping etc. and removal of form for :	MT	1988	8696.53	17,289,045.30
11	025030	All types of bridge sub-structures, e.g. pier, abutment, wing wall, retaining wall, RCC box type foundations, Abutment cap, Pier Cap, Inspection Platform & Pedestal over Pier cap, Fender wall, Diaphragm wall etc. upto 5m above ground level				
11.1	025031	Supply of steel reinforcement of approved brands/makes for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.	Sqm	20319	796.70	16,188,147.30
12	025080					

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Tender NIT No.: IRCON/2065/KSDP/Tender/ Drain and Misc. Works /NKJ MWJ/138 Date-07.10.2024						
Sl. no.	USSOR-2021 Item No.	Description of items	Unit	Quantity	Rate including GST @ 18% GST	Amount (Rs.)
12.1	025082	Thermo-Mechanically Treated bars of grade Fe-500D or more of approved brands/makes.	Kg	383448	126.30	48,429,482.40
13	113010	Cess repair/widening work as per RDSO Specifications and guidelines RDSO/2020/GE: IRS-0004 or latest in running line with suitable soil to the designed profile The work shall include uprooting and disposing of all the vegetation, benching at every 30 Cm vertical height, earthwork in benching portion and compaction using suitable slope vibratory Rollers/Compactors etc. to achieve prescribed MDD. Note: 1. Payment of cess repairs shall be based on the quantities worked out from the cross sectional calculations only and worked out from the initial ground levels before doing benching and final levels as done for new embankment. The earth work in benching portion shall not be paid extra as the same has been included in the rate. 2. The earth work shall be started only after Completing of the benching and certified. 3. The benching Work shall be done for a maximum height of 1.50 m at any time based on the progress of earthwork starting from toe of the embankment. Cum 461.58	Cum	1500	490.80	736,200.00
14	051060	Providing and laying Pitching with Stone Boulders, weighing not less than 35kg each with voids filled with spalls on slopes, laid over prepared filter media including boulder apron laid dry in front of toe of embankment complete as per drawing and Technical Specifications (filter media to be paid separately under the relevant item)	Cum	1375	2000.73	2,751,003.75

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Tender NIT No.: IRCON/2065/KSDP/Tender/ Drain and Misc. Works /NKJ MWJ/138 Date-07.10.2024						
Sl. no.	USSOR-2021 Item No.	Description of items	Unit	Quantity	Rate including GST @ 18% GST	Amount (Rs.)
15	051080	Providing and laying Filter Material as per RDSO Specifications underneath pitching in slopes complete as per drawing and Technical Specification.	Cum	550	3319.63	1,825,796.50
Total Amount of Schedule-I						128,166,561.41
Schedule-II (Central Drain & Miscellaneous)						
16	LAR-1	Supply and placing of 'U' shaped Precast drain segments having clear opening of 300x300 MM to required line, grade on prepared levelling course and sealing of joints with cement mortar etc. complete transported to site, for all leads & lifts, laid with, finishing and curing etc. including all tools & plants, labour and lead as per directions of the engineer in charge.	Metre	2590	4000.00	10,360,000.00
17	LAR-2	Supply and installation of 3-dimensional high performance turf reinforcement mat TM13C for embankment protection with UV resistance (at 500hrs) > 95% retained as per ASTM D4355, Resiliency of 70% as per ASTM D6524, Light penetration < 40% as per ASTM D6567, Ultimate tensile strength in both directions (MD/CD) > 45KN/m as per ASTM D6818 and tensile elongation in both directions (MD/CD) < 50 KN/m as per ASTM D6818 etc. Anchoring the same along with Grass Sheet & non-woven geotextile as per the lines and grades of the drawing. The rate includes all applicable duties, freight and overlaps with U/J Pins etc. (1) Manufacture, Supply & Installation of HPTRM Material with labours, its fixing material with supervision. (2) All site readiness & Pre installation preparations such as Permissions for work, devegetation, sizing, dressing & compaction of area, Preparation of top and bottom drain, surface preparation, backfill rain cuts, shrubs cleaning etc. (3) Supply and installation of Grass sheet.	Sqm	10080	1674.00	16,873,920.00

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Tender NIT No.: IRCON/2065/KSDP/Tender/ Drain and Misc. Works /NKJ MWJ/138 Date-07.10.2024						
Sl. no.	USSOR-2021 Item No.	Description of items	Unit	Quantity	Rate including GST @ 18% GST	Amount (Rs.)
18	LAR-3	P.way supervisor	Day	730	1225.00	894,250.00
19	LAR-4	Providing Road vehicles mentioned below for the use of Engineer/Employer... as per the condition mentioned special condition of contract-1	Veh/Month	36	65000.00	2,340,000.00
Total Amount of Schedule-II						30,468,170.00
Schedule-III USSOR-2021 & DSR-2021 (Unforeseen Items)						
20		Any other items of WCR's USSOR 2021 edition with up to date correction slip not covered by the items of BOQ	L.S			4,000,000.00
21		Any other items of DSR2021 not covered by the items of BOQ	L.S			1,000,000.00
Total Amount of Schedule-III						5,000,000.00
Total Estimated cost of work including GST @ 18% (Sch-I+II+III)						163,634,731
Revised offer of agency after negotiaion 0.36% below estimated cost of works						589,085
Grand total of the works after discount including 18% GST						163,045,646

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Agmtc
(M.K. Goudar)