



इस्कॉन इंटरनेशनल लिमिटेड
(भारत सरकार का उपक्रम)



IRCON INTERNATIONAL LIMITED

(A Govt. of India Undertaking)

An Integrated Engineering and Construction Company

परियोजना कार्यालय :

कटनी ग्रेड सेपरेटर बायपास लाईन परियोजना

तीसरी मंजिल, मारुती सुजुकी शोरूम के ऊपर

झिंझरी पुलिस चौकी के पास,

एन. एच. 7, जबलपुर रोड, कटनी-483501 (म.प्र.)

ई-मेल - kalnigs.2074@ircon.org

फोन / फॅक्स : 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 - kalnigs.2074@ircon.org

Phone /Fax : 07622-262369

Duplicate Copy

No: IRCON/2074/KATNI-GS/Scrapyard & Approach RW/LOA/3453

Date: 30.04.2024

01.05.2024

To,

M/s Quazar Infrastructure Pvt Ltd

D-56, 2nd Floor, Above Kawasaki Showroom,

Main 100 Feet Road, Chattarpur,

New Delhi-110074

Email ID: quazar1111@gmail.com

(Letter of Acceptance)

Sub.: Letter of Acceptance for the work of "Construction of ROH Scrap Yard in lieu of existing scrap yard in NKJ, construction of approach retaining wall for diversion of existing road near DLS/NKJ and other miscellaneous civil works in connection with Katni UP Grade Separator Project of WCR in Katni district, Madhya Pradesh".

Ref.: 1. IRCON/2074/KATNI-GS/Tender/Scrapyard & Approach RW/ Dtd.02.03.2024.
2. Your e-Bid opened on 18.03.2024.
3. Your revised offer vide letter dtd. 20.04.2024.

1. Your offer at (+) 5.25% above the estimated cost for the work "Construction of ROH Scrap Yard in lieu of existing scrap yard in NKJ, construction of approach retaining wall for diversion of existing road near DLS/NKJ and other miscellaneous civil works in connection with Katni UP Grade Separator Project of WCR in Katni district, Madhya Pradesh" submitted vide references above, has been accepted by the competent authority of IRCON International Limited at the total cost of Rs. 8,08,16,084.48/- (EIGHT CRORE EIGHT LAKH SIXTEEN THOUSAND EIGHTY-FOUR AND FORTY-EIGHT PAISA 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 (i) to (ix) of Special Condition of Contract, you are requested to submit a Performance Guarantee (P.G.) amount of Rs.40,40,804/- (Rupees Forty Lakh Forty Thousand Eight Hundred Four only) 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 9.3.2 of Instructions to Tenderers.
4. The entire work is required to be completed within 05 (FIVE) 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).
 - 4.1 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 upto 5% of the contract value of the work.
 - 4.2 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 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 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.
12. You are advised to mobilize the resources to commence the work.

Kindly acknowledge the receipt of this letter.

Thanking You,

Encl.: BOQ


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

Copy to: 1. GM/Fin/KGS for information and n.a.
2. DGM-IV/Civil/KGS for information and n.a.

Summary of BOQ

Name of Work :- Construction of ROH Scrap Yard in lieu of existing scrap yard in NKJ, construction of approach retaining wall for diversion of existing road near DLS/NKJ and othe miscellaneous civil works in connection with Katni UP Grad Separator Project of WCR in Katni district, Madhya Pradesh.

LOA No. IRCON/2074/KATNI-GS/Scrapyard & Approach RW/LOA/

Date: 30.04.2024

Name of Agency : M/s Quazar Infrastructure Pvt Ltd

S.No.	Description	Tender Estimate Incl GST
1	Schedule-A : USSOR 2021 items	₹24,093,607.80 ✓
2	Schedule-B : Cement & Reinforcement Items	₹28,475,382.00 ✓
3	Schedule-C : Othe than USSOR items	₹24,215,888.57 ✓
	Total Estimated Amount (Incl. GST)	₹76,784,878.37 ✓
	Agency Quoted Revised Rate after Negotiation	@5.25% above ✓
	Total Amount Quoted by Agency Incl. of 18% GST	₹80,816,084.48 ✓



Construction of ROH Scrap yard in lieu of existing scrap yard in NKJ, construction of approach retaining wall for diversion of existing road near DLS/NKJ and other miscellaneous civil works in connection with Katni UP Grade separator project of WCR in Katni district, Madhya Pradesh

Schedule A: USSOR Concrete items

SN	USSOR No	Description of Item	Unit	Quantity	Rates	Amount (Rs.) Incl GST
1	022060	Providing and laying Plain Cement Concrete 1:3:6 with graded stone aggregate of 40mm nominal size, in foundation and floors, retaining walls of bridges including mechanical mixing, vibrating, pumping and bailing out water where ever required with all materials and labour complete but excluding the cost of cement and shuttering as per drawings and technical specifications as directed by Engineer. Note : Same rate for Providing and laying Plain Cement Concrete 1:2:4 with graded stone aggregate of 40mm nominal size, in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete	cum	1200 ✓	₹ 3,575.98 ✓	₹ 42,91,176.00 ✓
2	022040	Providing and laying in position 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) using 20mm graded crushed stone aggregate and coarse sand of approved quality in RCC raft foundation & Pile cap including finishing, using Plasticiser in approved proportions (as per IS:9103), to modify workability without impairing strength and durability complete as per specifications and direction of the 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 for not using plasticiser at the stage of Mix Design and in that case deduction shall be made as per relevant item.	Cum	1200 ✓	₹ 3,480.72 ✓	₹ 41,76,864.00 ✓
3	022050	Providing and laying in position 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) using 20mm graded crushed stone aggregate and coarse sand of approved quality for the following Reinforced cement concrete structural elements up to height of 9.0 m from foundation top level, including finishing, using Plasticiser in approved proportions (as per IS:9103), to modify workability without impairing strength and durability complete as per specifications and direction of the 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 for not using plasticiser at the stage of Mix Design and in that case deduction shall be made as per relevant item.				
a	022052	Wing wall and Return wall Note : for Retaining wall also.	cum	2000 ✓	3550.29 ✓	₹ 71,00,580.00 ✓
4	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 be made as per relevant item.	cum	120 ✓	₹ 3,828.79 ✓	₹ 4,59,454.80 ✓



Schedule A: USSOR Concrete items						
SN	USSOR No	Description of Item	Unit	Quantity	Rates	Amount (Rs.) Incl GST
5	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.				
a	022011	All kinds of soils	Cum	20000	₹ 212.37	₹ 42,47,400.00
6	-	Extra for loading of Cut spoil every one km beyond original lead over item no above.	Cum	15000	₹ 5.64	₹ 84,600.00
7	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.				
a	012011	In all conditions and classifications of soil except rock	Cum	1000	₹ 109.41	₹ 1,09,410.00
8	013040	Providing portable fencing along running track where work is to be done in close vicinity of track, maintaining during execution of work and removing after completion of the work as per direction of the Engineer. Fencing shall consist of self supporting steel angles of size 50mm x 50mm x 6mm, 1.5m long provided with hooks etc. and embedded in CC 1:2:4 block of size 0.23m x 0.23m x 0.23m placed at c/c distance of 2m along track. 12mm dia rods in three horizontal layers shall be tackwelded with angle posts. Note : Released material will be property of the contractor after completion of work. Cost of cement required for CC blocks shall be paid separately.				
a	013042	With provision of painting verticals & horizontals with red luminous paints / strips of 30cm each with a gap of 30 cm.	Mtr	500	₹ 139.77	₹ 69,885.00
9	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	200	₹ 319.74	₹ 63,948.00
10	-	Execution of Pway of works covered by WCR USSOR 2021 items or NON Schedule items of civil works . 1) This item will be operated for items which are not covered by other items in all schedules.	LS			₹ 34,90,290.00
Schedule A cost Incl GST @ 18%						₹ 2,40,93,607.80



Construction of ROH Scrap yard in lieu of existing scrap yard in NKJ, construction of approach retaining wall for diversion of existing road near DLS/NKJ and other miscellaneous civil works in connection with Katni UP Grade separator project of WCR in Katni district, Madhya Pradesh

Schedule - B

SN	Item No	Description of Item	Unit	Quantity	Rate (Rs.) w.r.t 18% GST	Amount (Rs.) Incl GST
1	045010	Supplying Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.				
a	045016	Thermo-Mechanically Treated bars	Kg	120000	₹ 97.58 ✓	₹ 1,17,09,600.00 ✓
2		Supply and using cement at worksite :				
a	033061	OPC 43 Grade	Tonne	2200	₹ 7,620.81 ✓	₹ 1,67,65,782.00 ✓
		Schedule A cost Incl GST @ 18%				₹ 2,84,75,382.00 ✓

OK.



Construction of ROH Scrap yard in lieu of existing scrap yard in NKJ, construction of approach retaining wall for diversion of existing road near DLS/NKJ and other miscellaneous civil works in connection with Katni UP Grade separator project of WCR in Katni district, Madhya Pradesh

Schedule C - Other than USSOR items

SN	Description of Item	Unit	Quantity	Rate (Rs.) w.r.t 18% GST	Amount (Rs.) Incl GST
1	Providing and laying design mix cement concrete of M-30 grade, roads/ taxi roads/ runways, using cement content as per design mix, using coarse sand and graded stone aggregate of 40mm nominal size as per approved and specified design criteria, providing dowel bars with sleeves/ tie bars wherever required, Note: (1) Cement content considered in M30 is @ 340 kg/cum. (2) Design mix must be as per IS code and not more than 10% variation in cement content in M-30 grade of concrete.	Cum	1000	₹ 9,967.55 ✓	₹ 99,67,550.00 ✓
a	Cement concrete prepared with batch mixing machine				
2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:				
a	Cement mortar 1:6 (1 cement : 6 coarse sand)		100	₹ 7,460.61	₹ 7,46,060.89
3	Centering and shuttering including strutting, propping etc. and removal of form for :			✓	✓
a	Foundations, footings, bases of columns, raft foundation of washable aprons, Pile caps, Footings of FOB etc.	Sqm	1500	₹ 238.80	₹ 3,58,200.00
4	Supplying and applying shuttering oil for mould releasing, having (Flash point 54 degree C and specific gravity 0.88±0.02), for concrete formwork to be applied either by brush or with spray machine to the entire satisfaction of Engineer Incharge		9100	₹ 14.06	₹ 1,27,946.00
5	Centering and shuttering including strutting, propping etc. and removal of form for :				
a	Abutment, pier, wing walls and return walls	Sqm	7400	₹ 364.26 ✓	₹ 26,95,490.00
6	In Bottom/top slab, side walls, toe wall and sumps haunch filling head walls or any other component	Sqm	600	₹ 385.07	₹ 2,31,042.00
7	Extra for mechanical grading (i.e earth spreading on embankment), and mechanical compaction of soil in embankment with contractor's rollers of suitable capacity, type and size to achieve specified density as per specification, testing as per IS codes including cost of water, T&P, consumable and all labour as a complete job. The work is to be executed as per Latest edition of "Guidelines for Earthwork in Railway Projects" issued by RDSO, Lucknow.	CUM	15000	₹ 36.19	₹ 5,42,850.00
8	Extra over item 2 for brick work in superstructure beyond plinth level upto floor two level :	cum	100	₹ 255.74	₹ 25,574.00
9	Structural steel work in single section including cutting, bending, straightening, drilling, rivetting, bolting, hoisting, fixing in position, including applying a priming coat of approved steel primer, complete - upto 6m height above GL				
a	In flats, plates, round or square bars	Kg	10000	₹ 95.66	₹ 9,56,600.00
10	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	20000	₹ 165.31	₹ 33,06,200.00
11	Providing and fixing M.S. round holding down bolts with nuts and washer plates complete	Kg	1000	₹ 133.99	₹ 1,33,990.00
12	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				
a	In gratings, frames, guard bar, ladders, railings, brackets, gates and similar works	Kg	10000	₹ 142.73	₹ 14,27,300.00

Schedule C - Other than USSOR items

SN	Description of Item	Unit	Quantity	Rate (Rs.) w.r.t 18% GST	Amount (Rs.) Incl GST
13	Supply & installation of pre-coated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50mm +/- 5% total coated thickness (TCT) thick Zinc coating 120gsm as per IS:277 in 240mpa steel grade, 5-7microns 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 while 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 (5.5 x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/vertical or curved surfaces excluding the cost of murlins, rafters and trusses and including.	Sqm	3500	₹ 930.51	₹ 32,56,785.00
14	Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50mm +/- 5% total coated thickness (TCT) thick Zinc coating 120 gsm as per IS:277 in 240mpa 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 or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete :				
a	Ridges plain (500-600mm)	Metre	500	₹ 532.30	₹ 2,66,150.00
15	Diesel engine pump set 8 HPx 1800 RPM, 3 inch x2.5 inch with 25 feet suction and delivery foot valve ,bend hosecollers, clamps including fitting Kirloskar or similar accepted make Kirloskar.	Nos	2	₹ 47,525.34	₹ 95,050.68
16	Hiring of JCB/Hitachi for levelling and dressing ground/dismantling structures ,Removal of jungle, clearing of earth, lowering high cess etc., along side the track between up and down lines obstructing drainages of rain water, clearing of bushes obstructing visibility at curves and Level Crossings with all lead and lift etc. complete and as directed by the Engineer-in-charge .All labour, tools and plants consumables stores including supply of JCB/Hitachi with crew to be provided by the contractor at his own cost. The contractor shall arrange road permit for vehicle for all the States of operation, as per instructions of engineer incharge and vehicle shall not be more than three years old. Payment shall be made for actual working hours at site.	Hrs	50	₹ 1,582.00	₹ 79,100.00
Total cost Incl GST @ 18%					₹ 2,42,15,889

