



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

NoIRCON/2065/KSD/Tender/ Balance Track work/135/646

Date:-11.07.24

M/s Chintpurni Construction Company

63 P, Sector-14, Sonipat,
Haryana- 131001

(Letter of Acceptance)

Sub: Supply of P Way Materials, Special PSC sleepers, Thick web Switches ISEJ and Balance Track linking work for BG track (Manually), linking track at bridges, and Linking on Diversion, packing of track as well as Machine tamping work on points & X-ings, and allied all other miscellaneous works in from Mahroai (MFQ)- Beohari (BEHR) & JOBA,GNDI &BRGW Yard of Katni- Singrauli Rail Doubling Project (WCR)(M.P.) PKG-11.

Ref: (i) Tender No RCON/2065/KSD/Tender/ Balance Track work/135 Dated: 24.06.2024
(ii) Bid submitted on 02.07.2024 and opened on 03.07.2024.
(iii) Negotiation meeting held on 06.07.2024.
(iv) Revised offer dated 06.07.2024

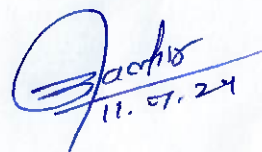
Your revised offer for the work of "Supply of P Way Materials, Special PSC sleepers, Thick web Switches ISEJ and Balance Track linking work for BG track (Manually), linking track at bridges, and Linking on Diversion, packing of track as well as Machine tamping work on points & X-ings, and allied all other miscellaneous works in from Mahroai (MFQ)- Beohari (BEHR) & JOBA,GNDI &BRGW Yard of Katni- Singrauli Rail Doubling Project (WCR)(M.P.) PKG-11". submitted vide references above, has been accepted by the Competent Authority of Ircon International Limited at the total Contract Value of **Rs156,568,364/-** (Rupees Fifteen Crore Sixty Five Lakhs Sixty Eight Thousand Three Hundred Sixty Four only) i.e. 5.97 % above the estimated cost of work (Rs 14,77,47,820/-) including GST @ 18% at the accepted rates of items / schedules as per Annexure-A (attached herewith) to this letter and terms and conditions, incorporating all the corrigendum and addendums issued to the tender documents.


11.07.24



In term of para 7.0 of Special Conditions of Contract: you are requested to submit a Performance Guarantee (P.G.) within 21 days from date of issue of LOA in the form irrevocable bank guarantee in favor of IRCON International, Katni on the Performa annexed as Annexure-X (from any Scheduled Bank for an amount of 5% (Five percent) of the contract value, i.e., Rs. 78,28,419/- (Rupees Seventy Eight Lakhs Twenty-Eight Thousand Four Hundred Nineteen only).

1. The entire work is required to be completed within **08 (Eight) months** from the date of issue of this letter of acceptance.
2. Your kind attention is invited to the provision of Clause 17 of Special Conditions of Contract. You are required to submit/comply the following:
 - 2.1 In terms of clause 17.1, 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).
 - 2.2 In terms of clause 17.2, 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).
 - 2.3 In terms of Clause No 17.3: 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.
 - 2.4 In terms of Clause No 17.3: 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.
 - 2.5 In terms of Clause No 17.4: Within 18 days of award of contract, Method statement for various activities and Quality Assurance Plan (QAP) and start the work after their approval.
 - 2.6 In terms of Clause No 17.5: 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.


11. 07. 24

Tender No. RCON/2065/KSD/Tender/ Balance Track work/135 Dated: 24.06.2024

3. 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.: 14.5 of Special Conditions of Contract.
4. 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.
5. 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.
6. You are advised to mobilize the resources to commence the work. You are requested to contact Project Head, KatniSingrauli Doubling Project for further instructions at the following address:

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

Thanking You

Enclosed:

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

For & on behalf of
IRCON International Limited


11.07.24
(Akhilesh Sahu)
CGM/PH

Copy to:

- (i) GM/Fin ,AGM/C-Ifor information please.
- (ii) AGM/Tracksfor necessary action please.

Name of Work Supply of P Way Materials, Special PSC sleepers, Thickweb Switches ISEJ and Balance Track linking work for BG track (Manually), linking track at bridges, and Linking on Diversion, packing of track as well as Machine tamping work on points & X-ings, and allied all other miscellaneous works in from Mahroai (MFQ)- Beohari (BEHR) & JOBA, GNDI & BRGW Yard of Katni-Singrauli Rail Doubling Project (WCR)(M.P.)PKG-11.

Bill of Quantity(BOQ)

NIT No. RCON/2065/KSD/Tender/ Balance Track work/135 Dated: 24.06.2024

SN	ITEM NO	DESCRIPTION	UNIT	Rate	QTY	AMOUNT
----	---------	-------------	------	------	-----	--------

Schedule -1(Supply of P Way Materials)

1		Manufacturing and supplying Fish Plate (52KG) 1mtr long T-5915, as per specification IRS/T-1-2012 from RDSO approved sources with all contractor's material, labour, tools, all lead & lift etc. and as directed by the Engineer-in-charge :(Note: One pair Fishplates consist of 2 no.s 1m long Fishplates, 6 no.s Nut & Bolts (T-11501) & 6 no.s Single coil spring washer (T-10773))	Pair	9412.24	1000	9,412,240.0
2		Manufacturing and supplying ERC- J, T-4158 as per IRS specification provisional 1994 with all contractor's material, labour, tools & plants and machinery, all lead & lift etc. and as directed by the Engineer in-charge :	Each	72.45	2000	144,900.0
3		Manufacturing and supplying combination GFN liner, 60 kg for wide base sleepers to RDSO Drg no T-6938 & T-6939 as per IRS specification IRS-T-44-1995 with all contractor's material, labour, tools & plants and machinery, all lead & lift etc. and as directed by the Engineer in-charge :	Set	41.92	20000	838,400.0
4		Manufacturing and supplying Joggled Fish plates 60 Kg to RDSO Drg no T-5849 as per IRS specification IRS-T-1-2012 with double D holes with nut & bolts & all contractor's material, labour, tools & plants and machinery, all lead & lift etc. and as directed by the Engineer in-charge :	Set	3484.82	400	1,393,928.0
5		Manufacturing and supplying G.R. Sole plate for SEJ as per IRS specification T-47-2006 to RDSO Drg no. T-4159 with all contractor's material, labour, tools & plants and machinery, all lead & lift etc. and as directed by the Engineer in-charge :	Nos	297.37	240	71,368.8

Handwritten signature and date: 11.07.24

Handwritten signature and date: 11.07.24

SN	ITEM NO	DESCRIPTION	UNIT	Rate	QTY	AMOUNT
	6	Manufacturing and supplying 10 mm thick Grooved rubber pads as per IRS specification RDSO/M&C/RP-200/2007 to RDSO Drg no.T-8747 . with all contractor's material, labour, tools & plants and machinery, all lead & lift etc. and as directed by the Engineer in-charge :	Nos.	52.36	10000	523,600.0
	7	Manufacturing and supplying Metal liner,60 kg for wide base sleepers to RDSO Drg no T-8748 as per IRS specification IRS-T-44-1995 with all contractor's material, labour, tools & plants and machinery, all lead & lift etc. and as directed by the Engineer in-charge :	no.s	23.42	20000	468,400.0
	8	Manufacturing and supplying combination metal liner,60 kg for wide base sleepers to RDSO Drg no T-8616 & T-8617 as per IRS specification provisional 2013 with all contractor's material, labour, tools & plants and machinery, all lead & lift etc. and as directed by the Engineer in-charge :	Sets	107.01	10000	1,070,100.0
		Total of Sch-1			Rs.	13,922,936.80
USSOR-2021		SCHEDULE-2B(USSOR-2021)				
SL	Item no.s	Description	Unit	Rate	Quantity	Amount(Rs.)
013050	1	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 work-site and balance 40% payment after removal of barricades. (2) The released bamboos / ballies shall be the property of the Contractor.				
013052	1(a)	Joining with strong nylon rope in one cross and one horizontal pattern of minimum 5mm dia.	R M	150.45	3000	451350.00

[Signature]
11.07.24

[Signature]
11.07.24

SN	ITEM NO	DESCRIPTION	UNIT	Rate	QTY	AMOUNT
061010	2	Pulling & positioning of rails accurately on cess including supporting rails, providing required gap and squaring at ends for renewal preparation, as directed by Engineer in-charge.				
061012	2(a)	More than 40 m long rail panel	Rm	19.43	8000	155440.00
061020	3	Dismantling and removing rail of all section & length from track, laid on any type & density of sleeper by removing fish plates, fastenings & fish bolts and other materials including stacking all released materials within an average distance of 500 metres as directed by Engineer in-charge. Note: 1.Cutting of rails shall be paid separately. 2.Work to be done under traffic block.				
061021	3(a)	For Through Rail Renewal work	Tr.m	60.22	4000	240880.00
061022	3(b)	For Casual/Scattered Rail Renewal work	Rm	47.69	500	23845.00
061030	4	Insertion of rails of all types & length in track, laid on any type & density of sleeper to the specified gauge under traffic block. Rates include fastening of rail with sleepers with standard set of fastenings and fixing of fish plates and bolts or, if required, providing gap for welding and stacking of released material without infringement within 250m as directed by Engineer-in-Charge. Note: Rail drilling and cutting to be paid separately.				
061031	4(a)	For Through Rail Renewal work	Tr.m	62.06	4000	248250.80
061032	4(b)	For Casual/Scattered Rail Renewal work	Rm	50.49	500	25245.00
062030	5	Replacement of sleepers in track with sleepers lying on cess for casual renewal at isolated locations with all fittings complete to specified gauge & cross level with contractor's tools including packing and dressing of ballast, as directed by Engineer in-charge. Released materials shall be neatly stacked and handed over				
062031	5(a)	Locations other than Ballasted Deck Bridge	Each	636.10	200	127220.00
062032	5(b)	Ballasted Deck Bridge	Each	751.28	100	75128.00

AGM
11.07.2024

11.07.24

SN	ITEM NO	DESCRIPTION	UNIT	Rate	QTY	AMOUNT
065030	6	Assembling and Laying of Improved Switch Expansion Joint (SEJ) on PSC sleepers of any rail section as per RDSO drawing including leading of SEJ rails, sleepers, fittings for a free lead of 250 metres, cutting of rails, drilling of holes as required and lubrication of SEJ, gauging, aligning rails, providing temporary connection with adequate welding gap with adjoining rails, providing reference posts at SEJ, first through packing of SEJ portion to make track geometry fit for 30 kmph speed and making ballast profile as per IRPWM. Note: (1) Rail cutting and hole drilling shall be paid separately. (2) One set comprise complete SEJ on both rails at SEJ.				
065031	6(a)	Under Conditions not requiring Traffic Block	Set	9205.56	2	18411.12
065032	6(b)	Under Traffic Block Conditions	Set	10126.11	4	40504.44
072010	7	Assembling complete BG Turnout on staging, clear of infringements, to correct gauge and alignment as per standard drawings with all types of rail sections over PSC sleepers at specified locations, duly leading rails, special sleepers, switches, crossings with a maximum lead of 500m, all lift & crossing of track as required and testing points with S&T staff for throw of switch etc. at station yard after levelling surface complete including lubrication of all fastenings, complete in all respect. Note: 1. Rail cutting and Drilling shall be paid separately 2. Required P.Way fittings/fastenings shall be supplied at the SSE/P.Way stores.				
072011	7(a)	1 in 8½ Turnout	Sets	52501.39	1.00	52501.39
072012	7(b)	1 in 12 Turnout	Sets	59010.10	1.00	59010.10

11.07.2024
11.07.2024
11.07.2024

11.07.2024

SN	ITEM NO	DESCRIPTION	UNIT	Rate	QTY	AMOUNT
072020	8	Assembling all types of Switches on staging, clear of infringements, to correct gauge and alignment as per standard drawings with all types of rail sections over PSC sleepers at specified locations, duly leading rails, special sleepers, switches with a maximum lead of 500m, all lift & crossing of track as required including cutting, drilling, fixing of all components, fittings etc. with housing of tongue rails as per requirement of signaling including lubrication of fittings/fastenings, complete in all respect. Note: Required P.Way fittings shall be supplied at SSE/P.Way stores.				
072021	8(a)	1 in 8½ Turnout	Sets	24276.66	2.00	48553.32
072022	8(b)	1 in 12 Turnout	Sets	27993.48	2.00	55986.96
072025	8(c)	1 in 8½ Derailing Switch	Sets	11411.25	2.00	22822.50
083030	9	Boxing and profiling of ballast as per procedure prescribed in latest edition of IRPWM including cess dressing on both sides of track. The work will include removing excess ballast from track and putting the same in crib and shoulder by leading to a maximum of 50m including crossing of track, dewatering on ballast section etc and as directed by Engineer-In charge.	Tr.m	35.32	40000.00	1412800.00
083040	10	Removing, screening and salvaging ballast from track, duly digging / scarifying ballast by beaters / wire brushes or any mechanical means, leveling and dressing formation with specified cross slope after salvaging ballast, separating muck by screening the salvaged ballast with contractor's 20mm size sieve, stacking of screened ballast for measurement, disposing off muck at specified locations with all lead & lifts as directed by Engineer in-charge. Note: Payment shall be made for quantity of ballast stacked after screening of retrieved ballast from track.	Cum	415.81	5000	2079050.00
084040	11	Unloading of ballast from Railway's Hopper Wagons, quantity distribution as per pre-defined site requirement, clearing infringements/jammed ballast, distributing the unloaded ballast uniformly over the track, profiling and boxing following all prescribed safety norms.				
084041	11(a)	Under Traffic Block Conditions	Cum	70.49	10000.00	704900.00

[Signature]
11.07.24

[Signature]
11.07.24

SN	ITEM NO	DESCRIPTION	UNIT	Rate	QTY	AMOUNT
084010	12	Loading Railway's ballast, collected at yard / depot into Railway's BOB / BKH / any other type of open wagon, using Mechanical Loader or any other method with all lead and lifts, as directed by Engineer in-charge.	Cum	52.76	16000.00	844160.00
091010	13	Manufacturing and Supply of Alumino thermic welding portions of 52Kg/60 Kg/60EI-R260 as approved by RDSO for welding of rails 52Kg/60Kg/60EI-R260 kg for 25mm gap by the process of AT welding along with complete accessories confirming to the specification laid down in Indian Railway Standard specification No.IRST-19-2020 up to date correction slips with Single shot crucible fitted with Automatic Tapping Thimble, 3 pieces pre fabricated mould (Zircon washed) manually pressed using compressed air petrol/LPG pre heating for execution of welding of rail joint as directed by the engineer in charge at site. Note: 1. The accessories along with welding portion shall be supplied as per Annexure-I of the IRUSSOR - 2021. 2. Rate is inclusive of transportation of above to SSE/P.Way stores.				
091013	13(a)	For 60Kg/60EI-R260 rails	Each	5129.98	150	769497.00

26.06.24
11.07.24

11.07.24

SN	ITEM NO	DESCRIPTION	UNIT	Rate	QTY	AMOUNT
092010	14	25mm gap 'in-situ' welding during traffic block and finishing of weld to meet the prescribed tolerances and pass all stipulated tests with all required labour, materials, consumables, tools, equipments etc. to complete the work in all respect as per IR's "Manual for Fusion Welding of Rails by Alumino - Thermic Process" with latest correction slips, including marking of welded joint, painting weld collar with anticorrosive paint, restoration of track near weld joint to original position and fixing of joggled fish plate at new weld, to be removed after passing of weld in USFD test as directed by Engineer in charge. Note: 1. Welding shall be carried out only by trained welder having valid competency certificate using RDSO approved Alumino Thermit Welding Portions, 3 piece prefabricated mould (ZIRCON WASHED) manually pressed, Single shot crucible fitted with auto tapping thimble and Compressed Air Petrol/LPG preheating technique as per RDSO Specification No IRST/19-2020 with latest amendment. 2. Hydraulic Weld trimmer shall be used for chipping and profile Grinder for finishing. 3. Only required nos. of Joggled fish plates shall be supplied by Railway at nearest P. Way Stores and the same shall be returned at nearest P. Way Store or at other location as per direction of Engineer-in-Charge after release from track. All other items required shall be supplied by the Contractor.				
092012	14(a)	For 60 Kg/60E1 - R260 grade Rail	Each	8365.28	150	1254792.00
121010	15	Dismantling of existing LWR/SWR track of any structure, removing rails, sleepers, fish plates, cutting of rails, segregation and stacking of released Rails, Sleepers and fitting at nominated location in countable manner within a free lead of 500m, levelling of ballast to correct profile for laying new track over it, all as per direction of Engineer-in-Charge.	Tr.m	254.85	3200.00	815520.00

11.07.24
11.07.24

11.07.24

SN	ITEM NO	DESCRIPTION	UNIT	Rate	QTY	AMOUNT
123080	18	Carrying out cut & connection to the existing PSC sleeper track under line block of any rail section and sleeper density to connect the same to newly linked track which is laid by the side, duly carrying out cutting of rails, insertion of additional PSC sleepers, if required, providing fish plated joints including drilling of holes, slewing required length of both tracks to prescribed alignment, adjusting sleeper spacing, providing continuity to track, spreading of ballast to provide cushion, shoulder ballast to the track stretch, giving one round of initial packing to make track fit for 20 kmph speed and boxing of ballast to profile as directed by Engineer in charge.	Each	85775.65	4	343102.60
123090	19	Shifting / Slewing the existing or newly assembled track of any rail section with any type of sleepers and any density under line block to correct locations & alignment and attending to one round kutchha packing to run safely at 20KMPH speed with all contractors tools and consumables complete and as directed by Engineer in-charge.				
123091	19(a)	Maximum Shifting / Slewing up to 1 metre	Tr.m	277.33	800	221864.00
131030	20	First or Second Through Packing of track for all sleeper density including giving a general lift, as desired to eliminate sag after deep screening work, as described in Para-238 of Indian Railways Permanent Way Manual (Notes : (1) Rate is for track laid to 1540 sleepers/km density; (2) 10% extra to the rate shall be paid in case of 1660 sleepers/km density; (3) Only 80% of the rate shall be paid in case of 1340 sleepers/km density) -				
131032	20(a)	For PSC Sleeper Track (BG) with Sleeper density of 1660	Track Metre	185.00	8000	1480000.00
131040	21	Third or subsequent Through Packing of track for all sleeper density including picking of slacks, as required after second through packing, subsequent to deep screening work, as described in Para-238 of Indian Railways Permanent Way Manual (Notes : (1) Rate is for track laid to 1540 sleepers/km density; (2) 10% extra to the rate shall be paid in case of 1660 sleepers/km density; (3) Only 80% of the rate shall be paid in case of 1340 sleepers/km density) -				

20/06/2024
11.07.24

11.07.24

SN	ITEM NO	DESCRIPTION	UNIT	Rate	QTY	AMOUNT
131042	21(a)	For PSC Sleeper Track (BG)	Track Metre	142.31	5000	711550.00
131050	22	Through packing of points and crossings, derailing switches including gauging, fittings recouplement, ballasting as required, elimination of sag and to the required alignment after Deep Screening as per procedure prescribed in latest edition of IRPWM complete as per direction of Engineer-in-charge. Note: This work shall be operated in exceptional cases with written approval at DEN level when UNIMAT is not available and immediate packing is required to pass train over it.				
131051	22(a)	1 in 8½ PSC Layout	Sets	15389.69	6.00	92338.14
131052	22(b)	1 in 12 PSC layout	Sets	20022.24	10.00	200222.40
131054	22(c)	1 in 8½ Derailing Switch	Sets	2188.56	6.00	13131.36
135010	23	De-stressing of LWR/CWR track of any density under traffic line block with contractor's labours, tools, equipments and consumables inclusive of all lead & lift. Activities include cutting of LWR/CWR into convenient panels of specified length, removal of ERCs, liners, greasing of ERCs and liner contact area, lifting rails and keeping them on rollers provided at every 15 sleepers, working out elongation of rail ends depending on prevailing site conditions, pulling rails with the help of Hydraulic Tensor to achieve the desired elongation, cutting rails, as required, removing rollers and placing rail in position, re-fixing ERCs & liners and adjustment of gap at SEJs : Note: (1) Welding of rail joints will be paid separately. (2) Rail cutting and Hole drilling shall be paid separately. (3) Opening and closing of LC if required will be paid separately. (4) As per procedure prescribed in latest edition of IRPWM & CE's Circulars for destressing of LWR/CWR, if any.				
135013	23(a)	Without Rail tensor	Track Metre	65.16	60000	3909600.00
136010	24	Fixing Joggled Fish Plates with bolt / clamp (supplied by Railway) in running track conditions at welds on rail, as directed by engineer in-charge (drilling of holes in rail will be paid separately) :				
136011	24(a)	With 2 bolts	Set	148.46	50	7423.00

Signature
11.07.24

Signature
24.06.2024
11.07.24

SN	ITEM NO	DESCRIPTION	UNIT	Rate	QTY	AMOUNT
136130	25	Providing Assistant to Patrol man for patrolling during cold / hot weather on track for protecting track as per IRPWM. Note: 1.The person deployed for patrolling must have the following items: • Valid certificate of competency issued by Railways. • Fit for A-3 medical category - certificate issued by registered medical practitioner 2.Necessary equipments prescribed shall be supplied by Railways for each patrolman and same to be handed over back to Railways in good condition. 3.The following equipment to be arranged by contractor for each patrol man: H.S.Flags Green -1 No (Standard size), H.S Flags Red- 2 Nos. (Standard size),Torch light 3 cell -1 no., Staff for flags -1 no., Whistle Thunder - 1no, Protective clothing to withstand climate, Gum boots, Haver sack.				
136131	25(a)	For duration of 8 hours	Each	1111.62	2000.00	2223240.00
155010	26	Carrying out pre-tamping, during tamping and post-tamping work for tamping track with all types of rails, sleepers & sleeper density by various Track Tamping machines, like CSM,DUO/3X Machines which include : (1) Re-adjustment of ballast, heaping-up of ballast, filling-up of cavities in tamping zone by picking ballast from stacks / shoulders / crib of adjoining track up to lead of 50 m to ensure effective packing; (2) Clearing of ballast on sleepers to make them visible to operator, (3) Clearing of ballast over rail foot to facilitate holding of rail by rollers of TTRM; (4) Digging, screening and replenishment of ballast at mud pumping / rounded ballast in sleeper crib location; (5) Tightening of loose fittings immediately before & after tamping; (6) Replacement of broken / missing fittings supplied by Railway; (7) Correcting displaced sleepers to position along with squaring; (8) Re-setting of worked-out / fallen fittings;				
155011	26(a)	For day time block working	Tr.m	25.45	60000	1527000.00

[Signature]
11.07.24

SN	ITEM NO	DESCRIPTION	UNIT	Rate	QTY	AMOUNT
156010	27	Carrying out pre-tamping, during tamping and post-tamping works for tamping of Turnouts of all types Under Traffic Block Conditions which include :(1) Re-adjustment of ballast, heaping-up of ballast, filling-up of cavities in tamping zone by picking ballast from stacks / shoulders / crib of adjoining track up to lead of 50 m to ensure effective packing; (2) Clearing of ballast on sleepers to make them visible to operator; (3) Clearing of ballast over rail foot to facilitate holding of rail by rollers of UNIMAT ; (4) Digging, screening and replenishment of ballast at mud pumping / rounded ballast in sleeper crib location; (5) Tightening of loose fittings including check rails immediately before & after tamping; (6) Replacement of broken / missing fittings supplied by Railway; (7) Correcting displaced sleepers to position along with squaring; (8) Re-setting worked-out / fallen fittings; (9) Removing and re-fixing joggled fish plates & wooden blocks, OHE bonds & other obstructions, wherever necessary ;(10) Removing and re-fixing stretcher bar, as directed; (11) Adjustment in opening and housing of switch for testing operation of points (12)Manual consolidation of ballast in cribs and shoulders; (13) Stages of payment a) 30% of the rate will be paid on completion of pre tamping attention, b) Balance 70% of the rate will be paid on completion of post tamping; (14) Recovery at the rate of twice the applicable rate will be effected in case contractor fails to carry out any of the pre/during/post operation.				
156011	27(a)	1 in 8½ Turnouts (Under Traffic Block Conditions)	Sets	12505.73	10	125057.30
156012	27(b)	1 in 12 Turnouts (Under Traffic Block Conditions)	Sets	14559.40	40	582376.00
161010	28	Quick cutting with abrasive rail cutter of all types of rail sections including wear resistant, head hardened rails upto 110 UTS, with contractors tools & plants, equipment, consumable with all lead & lift etc. complete as directed by Engineer in-charge. Abrasive Rail Cutter will be as per RDSO Specification No. TM/SM/1 (Rev. 01 of 2007) with latest status of RDSO; Rail Cutting Wheel Abrasive Disc will be as per RDSO Specification No. TM/SM/2 (Rev. 01 of 2007) -				
161012	28(a)	Outside Track -60 Kg - 90 UTS	Each	335.09	200	67018.00
161014	28(b)	60 Kg - 110/90 UTS - On Running Line	Each	423.96	300	127188.00

11.07.24

SN	ITEM NO	DESCRIPTION	UNIT	Rate	QTY	AMOUNT
161040	29	Drilling holes of 16 mm to 32 mm dia. with Rail Drilling machine in all types of rail section with contractor's tools & plants, equipment, consumable with all lead & lift etc. complete, as directed by Engineer in-charge. Rail Drilling Machine will be as per RDSO Specification No. TM/SM/3, dated 24.04.1991 for -				
161042	29(a)	On Running Track	Each	91.30	400	36520.00
202030	30	Manufacturing, supplying and fixing Curve Indicator / Point Indicator / SEJ Boards to be provided at various locations on formation, made out of MS sheet 2mm thick of size 450mm x 300mm duly fixed with MS frame of 25mm x 25mm x 3mm angle welded to 50mm x 50mm x 3mm MS angle, 1000mm long post split and bent 100mm at bottom end with all lead & lift as per specification and including painting of details with enamel paint, as directed by Engineer in-charge (Earthwork & concreting will be paid separately)	Each	1575.04	50	78752.00
211010	31	Painting and fixing MS Indicator Boards of curves, SEJs, Points & Crossings, Gang/section jurisdiction and similar as per standard design including excavation, refilling, concreting in foundation and painting two coats with enamel and luminous paints as directed by Engineer in-charge. Note: Excavation, concrete work and lettering shall be paid separately.				
211012	31(a)	Board with two post	Each	233.62	20	4672.40
211210	32	Arranging labour as and when required by the Engineer in charge, for various works under SSE/P.Way, with contractor's T&P, equipments, hand signal flags, etc. as per specifications, special conditions and detailed scope of work as furnished in the tender and as directed by the Engineer in charge. Note: Item shall be operated with prior approval of concerned Sr. DEN / DEN in charge.	Days	942.06	1000.00	942060.00
211200	33	Hiring of machinery for minor miscellaneous works for short duration including operator/driver, fuel, lubricants and consumable. The contractor shall arrange all statutory permits as required by rules and regulations prevailing in the area of work. Payment shall be made for actual working hours at site.				

Signature
11.07.24

Signature
11.07.24

SN	ITEM NO	DESCRIPTION	UNIT	Rate	QTY	AMOUNT
211201	33(a)	JCB Backhoe Loaders 3DX Plus or similar with minimum 1.10 cum bucket capacity	Hours	1063.41	120.00	127609.20
211202	33(b)	Hydra or similar tyre mounted Pick-n-Carry crane of 12T capacity for misc. works of handling of material	Hours	1438.13	128.00	184080.64
211203	33(c)	Tractor with Trolley for local transportation or other misc. works.	Hours	372.97	240.00	89512.80
		Total of Sch-2			Rs.	24,240,521
		Schedule-3(DSR-2021)				
SL	Item no.	DESCRIPTION	Unit	Rate	Quantity	Amount
	1	Loading, leading and stacking of Stone aggregate 40 mm nominal size and above by mechanical transport				
	1(a)	Lead for and upto 1 km	Cum	200.82	4,000	803280.0
	1(b)	Lead for and upto 2 km	Cum	227.07	1,000	227070.0
	1(c)	Lead for and upto 3 km	Cum	253.04	1,000	253040.0
	1(d)	Lead for and upto 4 km	Cum	277.98	1,000	277980.0
	1(e)	Lead for and upto 5 km	Cum	302.18	500	151090.0
	1(f)	Beyond 5km upto 10 km per km	Cum	21.55	500	10775.0
	1(g)	Beyond 10km upto 20 km per km	Cum	17.56	750	13170.0
	2		as per item taken		LS	1,500,000
	Note:	Unforseen items related to DSR-2021 To operate this item for any unforseen item required the course of execution, payment shall be made after applying esclation of 21.51% and GST component				
		Total of Schedule-3				3,236,405
		Schedule-4(Non SOR Items)				
SL	Item no.	DESCRIPTION	Unit	Rate	Quantity	Amount

11.07.2024
#11.07.24

11.07.24

SN	ITEM NO	DESCRIPTION	UNIT	Rate	QTY	AMOUNT
	1	Carriage by any road vehicle, rails, switches, Xing, wooden sleepers, concrete/metal sleepers, fish plates, bearing plates, tie bars, keys, cotters and other fittings including loading & unloading materials to all places and locations as specified. Note: 1) For payment Weight of Sleeper, Rail and other P-way fittings will be taken as per design weight/nominal weight.				
		(a) All steel items and concrete sleepers.				
		(i) Lead upto 50 Km. (Rate from chart-A of column no. 8).	MT	712.60	6,000	4,275,600.00
		(ii) Lead beyond 50 Km per Km(Rate from chart-A of column no 8).	MTKM	7.07	1,400,000	9,898,000.00
	2	Running out / Putting of railway's stone ballast from existing stacks available along alignment either on top of cutting or on formation or at toe of bank by head leads or by any other means and spreading to the required profile with contractor's labour, tools & plants, as directed by Engineer in-charge. (Payment shall be made based on ballast stack measurement)				
	2(a)	For lead upto 50m and lift up to 5m	Cum	139.01	7,500	1,042,575.00
	2(b)	Extra over Item above 2(a) for each additional lead of 50 m or part thereof when total lead exceed 50m, but upto 250m for each Cum	Cum.m	39.38	30,000	1,181,403.00
	3	Providing Road vehicles mentioned below for the use of Engineer/Employer as per the condition mentioned in special conditions of contract-I				
	3(a)	Tata Sumo, Bolero, Scorpio or similar SUV(upto 3000 km in one month Extra will payable in 1(b)	Veh month	78535.52	12.00	942,426.24
	3(b)	Extra for running and maintenance of every additional Km over and above 3000 Kms	KM	19.74	1000.00	19,740.00
	4	Providing service such as maintaining records of files movements, receiving & sending fax, maintaining files computer operator maintenance etc.(Semi skilled) inclusive of all taxes.	Man month	25645.36	6.00	153,872.16
	5	Providing Graduate Engineers in civil discipline with 03 yr. experience for site work, design, section and maintaining records etc. inclusive of all taxes(BOQ+25%)	Man month	57445.60	6.00	344,673.60

11.07.24

11.07.24

SN	ITEM NO	DESCRIPTION	UNIT	Rate	QTY	AMOUNT
	6	Track Engineer having relevant experience in track work like assembling of turnout / layout of curve and having CAD operating knowledge etc. The person will be deployed with prior approval of Engineer on submission of details CV and Certifications. Qualification & Experience :- Diploma in civil engineer having total experience 5 years & minimum experience in track work 3 years	Man month	90229.94	6.00	541,379.64
		Total of Sch-4			Rs.	18,399,669.64
		Schedule-5(Supply of Spl PSC)				
SL	Item no.s	Description	Unit	Rate	Quantity	Amount(Rs.)
	1	Manufacture and supply of Prestressed Mono block concrete sleeper sets for Turnouts 1 in 12 (60kg) (pre-tensioned type) for Broad Gauge (1673 mm) to RDSO Drg. No. T-4218 as per IRS Specification No. T-45-96 duly amended in accordance duly loaded into wagons/Road Vehicles.	Sets	608419.14	30	18252574.20
	2	Manufacture and supply of Prestressed Mono block concrete sleeper sets (T-6770-6781) for Derailing Switch 1 in 8.5 (60kg) to RDSO Drg. No. T-6068 (pre-tensioned type) for Broad Gauge (1673 mm) as per IRS Specification No. T-45-96 duly amended in accordance duly loaded into wagons/Road Vehicles.	Sets	167968.48	10	1679684.80
	3	Manufacture and supply of Prestressed Mono block concrete sleeper for SEJ (60kg) (pre-tensioned type) for Broad Gauge (1673 mm) to RDSO Drg. No. T-4149 as per IRS Specification No. T-39-2011 duly amended in accordance duly loaded into wagons/Road Vehicles.	Sets	23116.55	30	693496.50
	4	Manufacture and supply of Prestressed Mono block concrete sleeper for Bridge (Central) (60kg) (pre-tensioned type) for Broad Gauge (1673 mm) to RDSO Drg. No. T-8672, as per IRS Specification No. T-39 (Fifth revision-Feb-2016) duly amended in accordance duly loaded into wagons/Road Vehicles.	No.s	3920.76	240	940982.40

[Signature]
11.07.24

[Signature]
11.07.24

SN	ITEM NO	DESCRIPTION	UNIT	Rate	QTY	AMOUNT
	5	Manufacture and supply of Prestressed Mono block concrete sleeper for Br. (Approach) (60kg) (pre-tensioned type) for Broad Gauge (1673 mm) to RDSO Drg. No. T-8673 to T-8680 as per IRS Specification No. T-45-85 (Fifth revision-Feb-2016) duly amended in accordance duly loaded into wagons/Road Vehicles.(One set consisting ,3 no.s T-8672,one each for T-8673-80)	Sets	43111.91	6	258671.46
		Total of Schedule-5				21,825,409.36
		Spl P Way Items for Supply				
		Schedule-6				
SL	Item no.s	Description	Unit	Rate	Quantity	Amount(Rs.)
	1	Fabrication & supply at site of 10125 mm Curve switch with ZU-1-60 thick web grade 880 class A tongue rails and UIC 60KG Grade R260 rails for stock rails(including drg no.RDSO/T-6155/1 with latest alteration with elastic fastening and spring setting device complete with all fitting for 1 in 12 BG,60KG turnout for fanshaped layout on PSC sleepers.	sets	867,440	52	45106880.00
	2	Manufacturing & Supplying of Improved Switch Expansion Joints for,60KG Rail section, as per RDSO Drg no. Drg.no.T6922 for long welded rails on PSC Sleepers alongwith all parts as per drawing excluding ERC,Liners & Rubber pads including transportation loading and unloading at site.Note: Asymmetrical end forged rails required for fabrication of Switch Expansion Joints to be arranged by the supplier at his own cost. However IRCON may provide co-operation in the matter.	sets	424,429	32	13581728.00
	3	Manufacturing & Supplying of Improved Switch Expansion Joints for 2 degree to 4 degree curve for,60KG Rail section, as per RDSO Drg no. Drg.no.T-8926 for long welded rails on PSC Sleepers alongwith all parts as per drawing excluding ERC,Liners & Rubber pads including transportation loading and unloading at site.Note: Asymmetrical end forged rails required for fabrication of Switch Expansion Joints to be arranged by the supplier at his own cost. However IRCON may provide co-operation in the matter.	sets	443,427	10	4434270.00

SN	ITEM NO	DESCRIPTION	UNIT	Rate	QTY	AMOUNT
		Total of Schedule-6				
		Schedule-7(Unforseen Item not covered in BOQ)				
SL	Item no.s	Description	Unit	Rate	Quantity	Amount(Rs.)
	1	Any other Items of USSOR 2021 edition with up to date correction slips, not covered by the items of schedule- above	As per item to be executed		LS	3000000.00
	Note:	To operate this item for any unforeseen item required the course of execution,payment shall be made after applying esclation of 21.51% and GST component				
		Total of Schedule-7			Rs.	3000000.00
		Total of Schedule (1+2+3+4+5+6+7) with 18% GST in RS			Rs.	147,747,820
		Negotiated rate @ 5.97 % above on Estimated cost				8,820,544
		Grand Total with 18% GST				156,568,364

R. S. Srinivas
11.07.24

Quatix
11.07.24