



RAILTEL CORPORATION OF INDIA LTD.

(A Govt. of India Enterprise)

Territory Office

Plot No. 17, 1st Floor, Raghunath Nagar,
Near Shahpura Police station,
Bhopal MP - 462039

Western Region Office

Western Railway Microwave Complex
Senapati Bapat Marg,
Near Railway Sports Ground,
Mahalaxmi, Mumbai – 400013

Corporate Office

Plate-A, 6th Floor, Office Tower-2,
NBCC Building, East Kidwai Nagar,
New Delhi - 110023

Tender

For

Selection of System Integrator for “Provision of Digital axle counter at remaining stations/ block sections of Pune MRJ section in Pune Miraj doubling work.”

Tender Ref:- RCIL WR-BPL/MKTG(EB)/Jan.- 2/18

dated: 19.01.2024

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NOTICE

Tender Ref:- RCIL WR-BPL/MKTG(EB)/Jan.- 2/18 dated: 19.01.2024

RailTel Corporation of India Ltd invites Tender's via E-Mail with password protected folder from reputed firms for work mentioned in the Scope of this Tender. The technical and commercial (price) bids shall be submitted through E-Mail at hpltooffice@railtelindia.com in password protected folder as separate PDF documents up to the end date & time mentioned below.

Sr. No.	Description	Estimated Cost	Last date & Time for Bid Submission	Date & Time for Bid Open	Completion Period
1	Selection of System Integrator for "Provision of Digital axle counter at remaining stations/ block sections of Pune MRJ section in Pune Miraj doubling work."	As per tender document attached As per Tender No: CR_PA_SNT_CN_2023-02	23.01.2024 15:00 Hrs.	23.01.2024 15:30 Hrs.	As per Tender No: CR_PA_SNT_CN_2023-02

Note: In case of any discrepancy or ambiguity in any clause/specification pertaining to scope of work area, Tender no. CR_PA_SNT_CN_2023-02. Selection of System Integrator for "Provision of Digital axle counter at remaining stations/ block sections of Pune MRJ section in Pune Miraj doubling work." will be sacrosanct (**Copy at annexure-VIII**).

PRICE BID

Bidder should quote price for end-to-end SOW wrt–Tender Ref: RCIL WR-BPL/MKTG(EB)/Jan.- 2/18 dated: 19.01.2024 and subsequent corrigenda. Selection of System Integrator for “Provision of Digital axle counter at remaining stations/ block sections of Pune MRJ section in Pune Miraj doubling work.”

Note: In case of any discrepancy or ambiguity in any clause/specification pertaining to scope of work area, the Tender no. CR_PA_SNT_CN_2023-02. Selection of System Integrator for “Provision of Digital axle counter at remaining stations/ block sections of Pune MRJ section in Pune Miraj doubling work.” will be sacrosanct (**Copy at annexure–VIII**).

1. The details are as under:

1	Issue date of “Invitation for Tender document”	19.01.2024
2	Last date for submission of Tender by applicants	23.01.2024 15:00 Hrs.
3	Opening of Tenders	23.01.2024 15:30 Hrs.
4	Tenders Submission Mode	By email (with password protected)
5	Completion Period	As per tender ref. no. CR_PA_SNT_CN_2023-02

Tender and all corrigenda will be made available at RailTel Corporation of India's portal <https://www.railtelindia.com>. EMD of Rs. 9,77,500/- as per tender clause.

(For Bank detail Refer Annexure VII)

Note: For bid submission, tenderer will have to submit signed and stamped printed copy of the tender document.

1. RailTel intends to look for an empanelled BIDDER who can help us with Bid Submission & have the ability to take up the work on turnkey basis and who has good connect with the customer and local environment. The bidder shall bear all costs associated with the preparation, submission / participation in the bid. RailTel in no way will be responsible or liable for these costs regardless of the conduct or outcome of the bidding process.
2. Bidders shall necessarily furnish the details of the valid SD/PBG/Tender fee/fee applicable submitted at time of empanelment for consideration of their offer.
3. Undertaking stating that bidder accept to execute SOW of Tender on fully Back-to-Back basis.
4. Copy of power of attorney issued in favor of signatory
5. The bidder responding to this Tender shall give an undertaking that, if they are successful, then they will not participate directly or with other direct bidder
6. A pre bid agreement will be signed with successful bidder on non-judicial stamp of adequate value as per final bid value. Format will be shared with successful bidder only
7. The tenderer must have minimum average annual contractual turnover of 1.5V/Ncrores; where V=Advertised value of the tender in crores of Rupees N=NO of years prescribed for completion of work for which bids have been invited. The average annual turnover shall be calculated as an average of "Total contractual payments "in the previous three financial years, as the per the audited balance sheet. However, in case balance sheet of the previous year is yet to be prepared/audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover. The tenderer shall submit requisite information as per Annexure VIB, along with copies of audited balance sheet duly certified by the Chartered Accountant/ certificate from chartered accountant duly supported by audited balance sheet.

8. The Bidder must provide acceptance (with documents) on the following:

All payments shall be paid on Bidder back-to-back basis. RailTel shall make payment to selected Business Associate after receiving payment from the end customer for the successful completion portion. In case of any penalty or deduction made by the end customer, the same shall be deducted from the selected BIDDER.

The BIDDER should have the pre-requisite experience for similar type of work.

Bidder will submit No deviation certificate. Bidder will submit non-blacklisted certificate.

Partner will be chosen as per the policy guidelines of RailTel Corporation of India Ltd. Further evaluation will be carried out.

Please submit your proposal latest by upto 23.01.2024 15:00 Hrs.

“All Bidders are required to submit their bids (complete in all aspects) within the time and date as specified in Section 2 (Fact Sheet). The Bids received after the due date and the specified time (including the extended period if any) for any reason whatsoever, shall not be entertained”.

Prospective bidders are required to direct all communications related to this Invitation for

Tender document, through the following Help Desk:

Contact (1)	Ms. Aanchal I Raaj
Designation	DGM/Bhopal
Email	aanchal@railtelindia.com
Telephone	+917552428644
Mobile	+919717644122

Contact (2)	Shri. Anand Kumar
Designation	Joint General Manager/Marketing
Email	anandnkn@railtelindia.com
Telephone	+917552428644
Mobile	+919004444107

	Check List	
Sl. No	Document	Remarks (Yes/ No)
1	Offer Letter	Annexure I
1	Proof of Submission of PBG/SD/Tender Empanelment Fee submitted against Empanelment with RailTel	
2	Copy of LoA/LOI issued by RailTel for confirmation of empanelment.	
3	Undertaking stating that bidder accept to execute SOW of Tender on fully Back-to-Back basis.	
4	The bidder responding to this Tender shall give an undertaking that, if they are successful, then they will not participate directly or with other direct bidder	
5	Compliance certificate format	Annexure II
6	Financial capacity Format	Annexure III
7	Format for Declaration for acceptance of all Terms & Conditions	Annexure IV
8	Non blacklisted	Annexure V
9	No deviation certificate	Annexure VI
10	RailTel's bank account detail to deposit EMD	Annexure VII
11	Tender Document – CR_PA_SNT_CN_2023-02	Annexure VIII

ANNEXURE-I:

OFFER LETTER

(To be on company letter head)

Tender Ref:- RCIL WR-BPL/MKTG(EB)/Jan.- 2/18 dated: 19.01.2024

To,
Principal Executive Director
RailTel Corporation of India Limited
Western Railway
Microwave Complex
Senapati Bapat Marg,
Near Railway Sports Ground,
Mahalaxmi, Mumbai-400013

Dear Sir,
Sub: Participation in the Tender.

Having examined the Invitation Tender document bearing the reference number
Tender Ref:- RCIL WR-BPL/MKTG(EB)/Jan.- 2/18 dated: 19.01.2024 released by your
esteemed organization, we undersigned, hereby acknowledge the receipt of the same and offer
to participate in conformity with the said Invitation for Tender document.

I/We fully understand the terms and conditions as contained in the EOI document and
we agree that the same shall apply to our tender and I/We shall be bound by them.

EMD & Tender document cost details are as follows: -

Tender document cost: -

EMD :-

We hereby declare that all the information and supporting documents furnished as a part
of our response to the said Invitation for Tender document, are true to the best of our
knowledge. We understand that in case any discrepancy is found in the information
submitted by us, our Tender is liable to be rejected.

Date:

Signature with seal—

Name: _____

Designation: _____

Annexure II

Compliance Certificate

To,
Principal Executive Director
RailTel Corporation of India Limited
Western Railway Microwave Complex
Senapati Bapat Marg,
Near Railway Sports Ground,
Mahalaxmi, Mumbai-400013

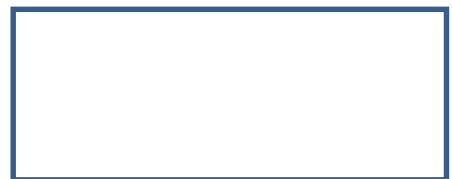
Tender Ref:- RCIL WR-BPL/MKTG(EB)/Jan.- 2/18 dated:19.01.2024

Dear Sir,

This is in response to the Invitation for Tender for the Selection of System Integrator for “Provision of Digital axle counter at remaining stations/ block sections of Pune MRJ section in Pune Miraj doubling work.” in Tender Ref:- RCIL WR-BPL/MKTG(EB)/Jan.- 2/18 dated: 19.01.2024 We have applied against Tender issued by RailTel Corporation of India Ltd. We hereby covenant, warrant and confirm. We hereby comply with all the terms and conditions/stipulations as contained in the Invitation for Tender document.

Date:

Signature with seal (in the box)



Name:

Designation:

Annexure- III

Financial capacity Format

(to be issued by practicing Chartered Accountant on its letter head)

TO WHOM IT MAY CONCERN

Tender Ref:- RCIL WR-BPL/MKTG(EB)/Jan.- 2/18 dated: 19.01.2024

1. The tenderer must have minimum average annual contractual turnover of 1.5V/Ncrores; where V=Advertised value of the tender in crores of Rupees N=NO of years prescribed for completion of work for which bids have been invited. The average annual turnover shall be calculated as an average of "Total contractual payments "in the previous three financial years, as the per the audited balance sheet. However, in case balance sheet of the previous year is yet to be prepared/audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover. The tenderer shall submit requisite information as per Annexure VIB, along with copies of audited balance sheet duly certified by the Chartered Accountant/ certificate from chartered accountant duly supported by audited balance sheet.:

This is further certified that the above Turnover is in line with the Turnover declared by the Firm in their Income Tax Returns filed under PAN.....

Place.....

Signature.....

Name.....

Annexure-IV

Performa for Declaration of acceptance for all Terms & Conditions

Declaration for acceptance of all Terms & Conditions of the

Tender Ref :- RCIL WR-BPL/MKTG(EB)/Jan.- 2/18 dated: 19.01.2024

1. We M/s (_____) having registered office at (Address) _____ agree to all the Terms & Conditions of the Tender Ref:- RCIL WR-BPL/MKTG(EB)/Jan.- 2/18 dated: 19.01.2024 issued by RailTel.

2. Our offer will remain valid for 90 days from the date of opening of the Tender.
3. We confirm that we have the necessary resources & capabilities to undertake the work as specified in the schedule of work as per all terms and conditions given in the above Tender. We have also understood the process of submitting bid to RAILTEL and Instructions given in the above Tender. Further, we confirm that we shall execute the work against this price discovery for scope as specified in this Tender.
4. We also agree that RailTel has the right to reject all Tender, in part or in full without assigning any reason whatsoever.
5. This Tender along with other documents as stipulated in Tender together with your written acceptance thereof shall constitute a binding contract between us.

Date:-

Name of the Company:-

Signature & Seal:-

Annexure-V

Non - Blacklisting Certificate Declaration

To,
Principal Executive Director
RailTel Corporation of India Limited
Western Railway
Microwave Complex
Senapati Bapat Marg,
Near Railway Sports Ground,
Mahalaxmi, Mumbai-400013

Sub: Undertaking of no deviation from Tender/ RFP terms and condition
Tender Ref:- RCIL WR-BPL/MKTG(EB)/Jan.- 2/18 dated: 19.01.2024

We hereby undertake and submit the declaration that our firm/company is not debarred/black listed for future business with any Central/State Government organization/CPSU/SPSU in India.

In case, at any stage if the above declaration is found false or incorrect, the Purchaser shall be free to take any punitive/legal action against us, as may be deemed fit, which shall be acceptable / binding on us and the consequences shall be to our account.

Date:

Name & Signature of
Authorized Representative:

Company Seal:

Name of Bidder:

Full Address:

Telephone No.:

Annexure-VI

Format for Statement of No Deviation from the RFP

To,
Principal Executive Director
RailTel Corporation of India Limited
Western Railway
Microwave Complex
Senapati Bapat Marg,
Near Railway Sports Ground,
Mahalaxmi, Mumbai – 400013

Date: _____

Sub: Undertaking of no deviation from Tender/RFP terms and condition

Tender Ref: - RCIL WR-BPL/MKTG(EB)/Jan.- 2/18 dated: 19.01.2024

Dear Sir,

This is to confirm that the proposal/bid submitted by <<_____>>, is in complete agreement with the RFP/Tender and any of the corrigendum(s) or amendment(s) issued thereon and there is no deviation whatsoever.

Date:

Name & Signature of
Authorized Representative:

Company
Seal:

Name of Bidder:

Full Address:

Telephone No.:

Annexure -VII



**Mahalaxmi Branch
Mahalaxmi Chambers
22, Bhulabhai Desai Road
MUMBAI: 400 026
Tel. No. No.23512895 / 23517234 Fax No.23516948**

LT No:MAH/RCIL/2010

Date: 21/10/2010

To,
The Sr. Manager (Finance)
Railtel Corporation Of India Limited
Mahalaxmi,Mumbai

Dear Sir,

Sub:- Bank Details For your collection account.

**We are in receipt of your letter no. RCIL/WR/Fin/Bank Matters dated 20.10.2010
Requesting bank details for your collection account no. 317801010036605. Details are below:-**

Account No.- 317801010036605

A/c Name- Railtel WR collection A/c

Bank Name- UNION BANK OF INDIA

Branch name- Mahalaxmi, branch

**Branch address- 22, bhulabhai desai Road, Mahalaxmi chambers,
Mahalaxmi, Mumbai-400026**

IFSC Code- UBIN0531782

Swift Code- UBININBBLOP

Thanking You

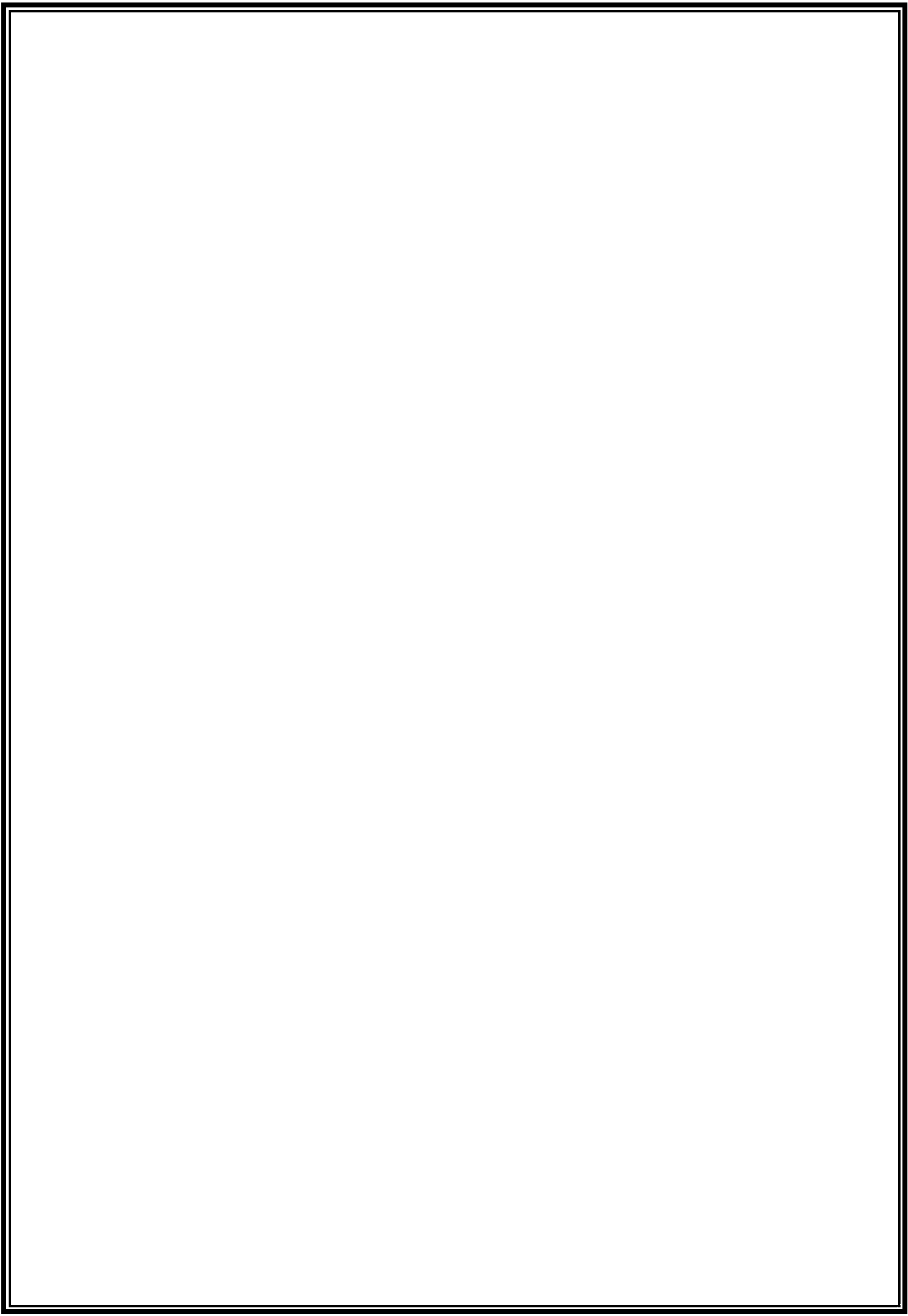
Your's faithfully

Pushpa Tiwari
Pushpa Tiwari
Manager



Annexure -VIII

CR_PA_SNT_CN_2023-02



**DYCSTE-C-DR-S AND T/CENTRAL RLY
TENDER DOCUMENT**

Tender No: CR_PA_SNT_CN_2023-02

Closing Date/Time: 31/01/2024 15:00

DY CSTE-C-DR acting for and on behalf of The President of India invites E-Tenders against Tender No **CR_PA_SNT_CN_2023-02** Closing Date/Time 31/01/2024 15:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

1. NIT HEADER

Name of Work	Provision of Digital axle counter at remaining stations/ block sections of Pune MRJ section in Pune Miraj doubling work.		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Two Packet System
Tender Closing Date Time	31/01/2024 15:00	Date Time Of Uploading Tender	01/01/2024 17:22
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	165501536.42	Tendering Section	PUNE
Bidding Style	Single Rate for Each Schedule	Bidding Unit	
Earnest Money (Rs.)	977500.00	Validity of Offer (Days)	90
Tender Doc. Cost (Rs.)	0.00	Period of Completion	18 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	17/01/2024	Are Joint Venture (JV) firms allowed to bid	Yes
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Capital (Works)

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule 01-Schedule-A: Supply Portion (SOR items)							12626833.14	Above/ Below/Par
01	Please see Item Breakup for details.				12626833.14	AT Par	12626833.14	
	Description:- Supply Portion (SOR items)							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule 02-Schedule-B: Execution Portion (SOR items)							16689744.57	Above/ Below/Par
02	Please see Item Breakup for details.				16689744.57	AT Par	16689744.57	
	Description:- Execution Portion (SOR items)							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule 03-Schedule-C: Supply & Execution Portion (Non-SOR items)							15237091.56	Above/ Below/Par
03	Please see Item Breakup for details.				15237091.56	AT Par	15237091.56	
	Description:- Schedule-C: Supply & Execution Portion (Non-SOR items)							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule 04-Schedule-D: Supply of MSDAC							120947867.15	Above/ Below/Par
04	Please see Item Breakup for details.				120947867.15	AT Par	120947867.15	
	Description:- Schedule-D: Supply of MSDAC (Non SOR)							

3. ITEM BREAKUP

**DYCSTE-C-DR-S AND T/CENTRAL RLY
TENDER DOCUMENT**

Tender No: CR_PA_SNT_CN_2023-02

Closing Date/Time: 31/01/2024 15:00

Schedule Schedule 01-Schedule-A: Supply Portion (SOR items)						
Item- 01 Supply Portion (SOR items)						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	01	Supply of Relay Rack Assembly complete with scaffolding, fixtures and accessories including MS Bars for fixing of relay plug board, string rods, fuse strips with bracket, 11 Way Bus Bars with cover and mounting brackets, runway for cable/wires, frame, base assembly etc. Siemens type & as per extant practice on C. Rly. Rack arrangement as per Sketch no SK-727 and Rack plan as per Annexure II & as approved by Engineer in charge. (Inspection by Consignee).	Set	8.00	45820.75	366566.00
2	02	Supply of Tag Blocks 200 way with polycarbonate cover as per IRS S 77-2006(Rev.1) RDSO DRG. No.SA 24751. (Inspection by Consignee).	Numbers	80.00	1836.51	146920.80
3	03	Supply of PVC Indoor Cable 1x60x0.6mm dia Colour coding of insulation of inner core shall be in six colour viz Blue, Red, Grey, Green, Brown & Black conforming to IRS 76/89 (Amd.3) or latest. (Inspection by RDSO).	Kilometre	1.00	390277.20	390277.20
4	04	Supply of PVC Indoor Cable 1x40x0.6mm dia Colour coding of insulation of inner core shall be in eight colour viz Blue, Red, Grey, Green, Brown, Black, Yellow & White conforming to IRS 76/89 or latest. (Inspection by RDSO).	Kilometre	1.00	256031.02	256031.02
5	05	Supply of Indoor Jumper Wire of various colour as per Railways standard practice of type ATC 1 x 0.6 mm dia.conforming to IRS 76/89 (Amd.3) or latest. (Inspection by Consignee).	Kilometre	7.00	11224.73	78573.11
6	06	Supply of PVC flexible copper cable single core multistrand 1 x 6 Sq.mm (84 conductor each diameter 0.30 +/- 0.01) as per IS 694/2010 with latest amendment if any.with insulation thickness of 0.80mm nominal conductor resistance 3.30 ohms/Km and test parameters are as per IRS (S)76/89 (Amd.3). (Inspection by Consignee).	Kilometre	2.00	118919.27	237838.54
7	07	Supply of Battery Charger self regulating floor mounting type with 230 V AC single phase input and output 24V DC, 30A as per spec. IRS.S.86/2000 (Amd.1) with latest amendments for Axle counter applications (Amd.4). (Inspection by Consignee).	Numbers	10.00	77515.78	775157.80
8	08	Supply of 100 Amps., 4 pole change over switch with sheet steel enchoser type, 415V operational voltage, 50/60 Hz. Make Siemens/L &T /HAVELLS/LEGRAND make. (Inspection by Consignee).	Numbers	20.00	6416.48	128329.60
9	09	"Relay base plate complete with amphanols, code pins, fixing screws etc.suitable for Metal to Metal K-50 mini groups/ECRs of Siemens Make or functional equivalent of other makes. Note : Relay base plates, are to be procured from Relay manufacturer(OEM). Manufacturer's Certificate for procurement and guarantee in this regard should be furnished.The payment to be released only after Manufacturer's Certificate is submitted. (Inspection by Consignee)."	Numbers	230.00	947.35	217890.50
10	10	Supply of Plug In type Relay Metal to Metal type neutral relay mini groups (AC Immunised-1) Siemens make (No. RSSK 30/0078-1) (Ref. IRS:S46/74 with Amd. 1 & firms specification).or functional equivalent without base plates.Contact configuration 5F/3B or 6F/2B or 4F/4B to be specified by Engineer incharge. (Inspection by RDSO).	Numbers	200.00	11275.56	2255112.00

**DYCSTE-C-DR-S AND T/CENTRAL RLY
TENDER DOCUMENT**

Tender No: CR_PA_SNT_CN_2023-02

Closing Date/Time: 31/01/2024 15:00

11	11	Resin cored wire as per specification No. IS:1921-1975 with Alloying element percentage as 63% SN (Tin) and / 37% Pb (Lead) with percentage of various impurities not exceeding the values Sb (Antimony) 0.2% maximum , Cu (Copper) 0.1% maximum, As (Arsenic) 0.05% maximum, Fe (Iron) 0.02% maximum & other impurities mainly Al, Zn & Cd shall be limited. The flux shall be free from corrosive action as per clause 5.2 & flux percentage may be used as per requirement. (Inspection by Consignee).	Kg	50.00	1625.85	81292.50
12	12	Lacing thread rolls, black, wax coated (100 mtrs). (Inspection by Consignee).	Numbers	100.00	85.86	8586.00
13	13	Design, fabrication and supply of Fuse Auto Changeover System for 32 Nos. of external non-deteriorating type fuses or 'G' type fuses from 0.6A Amp to 4A Amp capacities used in signalling circuits. System shall have 8 cards with monitoring arrangement of 4 fuses in one card. As per RDSO Spec. RDSO/SPN/209/2012 Ver.2.0 or latest amendment if any. (Inspection by RDSO).	Each Module	40.00	34734.78	1389391.20
14	14	Design, fabrication and supply of Fuse Auto Changeover System for 24 Nos. of external non-deteriorating type or 'G' type fuses from 4 A to 10 Amp capacities generally used for point operation circuits. System shall have 6 cards with monitoring of 4 fuses in one card. As per RDSO Spec. RDSO/SPN/209/2012 Ver.2.0 or latest amendment if any. (Inspection by RDSO).	Each Module	40.00	52586.37	2103454.80
15	15	Supply of Hand Cuff Locks/ Godrej Navtal lock with Three common keys. (Inspection by Consignee).	Numbers	450.00	371.49	167170.50
16	16	Supply of FIBRE GLASS INSULATING FIRE RETARDENT SHEET OF 10 MM THICKNESS AS PER ISO:10192-1982, Dielectric strength-25KV/mm with glass content 25 to 34% in standard size of 1.10x1.10 Mtr. as per Spec. No. IS:10192-1982.(Inspection by Consignee).	Numbers	50.00	6879.40	343970.00
17	17	Supply of ARA Terminal blocks with links made of PBT Specn No.IRS/75/2006(Rev-2) with latest amendments and RDSO Drg.No.SA-23741A Alt.4, SA-23745 Alt.5, SA-23746, SA-23748 Alt.4 & SA-23756A Alt.3. (Inspection by RDSO).	Numbers	8000.00	94.25	754000.00
18	18	Supply of cartridge fuse block made of PBT as per RDSO Drg No SA-23748 Alt 4, SA-23749 & Spec No IRS S 75/2006 with latest amendment. Fuse block shall be suitable for round head type voltage fuses. (Inspection by RDSO).	Numbers	100.00	211.50	21150.00
19	19	Supply of round head type non deteriorating type low voltage cartridge fuse as per Specn No IRS/S/78/92 with latest amendments 2A/4A/6A capacity. (Inspection by RDSO).	Numbers	100.00	91.03	9103.00
20	20	Supply of Apparatus Case with godown locks with detachable handle on both the doors. Single Case as per Drg. No.SK 783-1 & 2 with latest alteration. (Inspection by RITES).	Numbers	40.00	20794.02	831760.80
21	21	Supply of Apparatus Case with godown locks with detachable handle on both the doors. Half Case as per Drg. No.SK 783-1 & 2 with latest alteration. (Inspection by RITES).	Numbers	10.00	16684.41	166844.10
22	22	Supply of earth electrode assembly as per Drg.No. CR/S&T/SK-815. (Inspection by Consignee).	Numbers	295.00	1399.35	412808.25
23	23	Supply of GI pipe, inner dia. 100mm dia. B-class as per spec. No.IS 1239 PT. 1/2004 or latest with sockets and fittings. TATA/JINDAL/ZENITH BIRLA make. (Inspection by Consignee).	Metre	100.00	1336.06	133606.00

**DYCSTE-C-DR-S AND T/CENTRAL RLY
TENDER DOCUMENT**

Tender No: CR_PA_SNT_CN_2023-02

Closing Date/Time: 31/01/2024 15:00

24	24	Supply of DWC HDPE pipe with one snap fit coupler and 'O' ring fire resistant, anti rodent, in 6 meter length of size 120 mm outer dia as per RDSO/SPN/204/2011 Ver. 1.1 with Amd.1 or latest. (Inspection by Consignee).	Metre	200.00	417.22	83444.00
25	25	Supply of Modular terminal block of 2.5 sq.mm 2 in 2 out type disconnect type terminal along with as per RDSO/SPN/189/2004 Rev 3.0. The current capacity of 16 Amps and more. The terminal should have marking at centre to view description from front. Material to be procured from RDSO approved firms only. (Inspection by RDSO).	Numbers	1000.00	152.02	152020.00
26	26	Supply of DIN Channel for the terminals 1 Mtrs each. (Inspection by Consignee).	Numbers	20.00	281.32	5626.40
27	27	Supply of End plates for modular terminal block. (Inspection by Consignee).	Numbers	85.00	30.36	2580.60
28	28	Supply of End Clamp for modular terminal block. (Inspection by Consignee).	Numbers	170.00	21.82	3709.40
29	29	Supply of Marker Card as per customer spec. (10x10). (Inspection by Consignee).	Numbers	100.00	108.79	10879.00
30	30	Supply & fixing of Fuse terminal block with LED indication up to 2.5 sqmm screw type two in two out. (Inspection by Consignee).	Numbers	300.00	236.04	70812.00
31	31	Supply & fixing End plate for fuse terminal block with LED indication. (Inspection by Consignee).	Numbers	100.00	17.68	1768.00
32	32	Supply & fixing Fuse links of (400 mA, 630mA, 1A, 1.6 A, 2 A, 4A, 6.3 A & 10 A). (Inspection by Consignee).	Numbers	300.00	56.00	16800.00
33	33	Shorting link insulated Grey in colour. (Inspection by Consignee).	Numbers	100.00	19.15	1915.00
34	34	Operating tool (operating tool, screw driver & stripper) as per details mentioned in item no.3.4 of Chapter III of Tender Document. (Inspection by Consignee)	Numbers	3.00	11240.94	33722.82
35	35	Supply of Thermo shrink Cable Jointing kit (Reinforced) TSF-2 type generally conforming to RDSO specification RDSO/SPN/TC/57/2015 Rev 1 with modified kit contents as per CSTE's Specification No.CR/SPN/TC/57(A)/2015 Dt. 06.01.2015(Table-A) to be suitable for jointing both 10/20/50 pair PIJF and 4/6 Quad cables along with sub-kit (Table-B) for armour continuity. (Inspection by Consignee).	Numbers	50.00	3883.58	194179.00
36	36	Supply of Permanently Lubricated HDPE Telecom duct of size 50/42 mm and accessories as per latest Specification TEC GR No. GR/TX/CDS-008/03/March 11 with latest amendment" for OFC cable of size 24 fibre armoured in length of 1000 mtrs/roll. Duct to be supplied from TEC approved sources. (Inspection by RITES).	Kilometre	7.00	94822.90	663760.30
37	37	Supply of Electronic timers for DAC reset arrangement 3 sec to 30 Sec with 2 NO/NC contact working voltage 24V/60V DC. Siemens/ABB/L&T or SELEC (642XA programmable electronic timer switch) make. (Inspection by Consignee)	Numbers	30.00	3659.43	109782.90
					Total	12626833.14
Schedule	Schedule 02-Schedule-B: Execution Portion (SOR items)					
Item- 02	Execution Portion (SOR items)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	01	Installation of Relay Rack Assembly including IDF pillars if any complete with wall supports, scaffolding, ladders, runway for cables, Relay/Relay group base plates, fixing of Tag blocks etc. The work shall be done as per approved plan, extant practice on C. Railways & the instructions of Rly engineer at site. (Inspection by Consignee).	Numbers	10.00	1992.08	19920.80

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2	02	Termination of cable cores on ARA terminal/disconnecting links in the cable termination rack. This includes all associated works of pulling out the cable from under ground, peeling off insulation, dressing of cable core supported on sting rod with contractors own material. The work shall be done as per instructions of Rly engineer at site. (Inspection by Consignee).	Numbers	8000.00	14.82	118560.00
3	03	Circuit wiring/jumpering as per circuit diagrams in the relay racks/IDF rack tagblocks. This includes preparation of Jumper sheets by wire man duly checked by firm's site supervisor & wire to wire testing as per circuit diagram. Any wrong jumper done by wireman will not be paid & correction shall be done free of cost. Jumper wires will be issued by Railways. Good quality solder rosin core to be supplied by contractor for soldering of Jumper wires. Soldering of jumper wires to be done after completion of testing by Railways. (Inspection by Consignee).	Numbers	6000.00	15.80	94800.00
4	04	Fabrication and fixing of phenolic laminated/Fibre glass sheet in location box by providing all fixtures as per Railway Drawing including fixing of PVC coated/with PVC pipe covered string rods at the back side for cable support with contractor's own materials. The work shall be done as per drg and arrangement similar to SK 783-1&2. with latest alterations & as per instructions of Rly engineer at site. Single Case. (Inspection by Consignee).	Numbers	40.00	2922.75	116910.00
5	05	Fabrication and fixing of phenolic laminated/Fibre glass sheet in location box by providing all fixtures as per Railway Drawing including fixing of PVC coated/with PVC pipe covered string rods at the back side for cable support with contractor's own materials. The work shall be done as per drg and arrangement similar to SK 783-1&2. with latest alterations & as per instructions of Rly engineer at site. Half Case. (Inspection by Consignee).	Numbers	10.00	2576.24	25762.40
6	06	Fixing of ARA Terminals and fuse blocks on phenolic laminated sheets and fixing by stainless steel/brass nuts & bolts. This includes provision of two additional holes on the board on either side for cable conductor entry. (Inspection by Consignee).	Per Conductor	16000.00	18.24	291840.00
7	07	Termination of cable cores on ARA terminal/fuse blocks in the apparatus Cases/ cable termination rack. This includes all associated works of pulling out the cable from underground. The work shall be done as per location plans and instructions of Rly engineer at site. (Inspection by Consignee).	Per Conductor	2000.00	13.73	27460.00
8	08	Excavation and Casting of Apparatus Case foundation with contractors Anchor bolts, cement, ballast and other materials. The required scaffolding Ferma etc for Casting of foundation will have to be brought by the contractor at his own cost. Single Case as per Drg No . SK-803. (Inspection by Consignee).	Numbers	40.00	12833.35	513334.00
9	09	Excavation and Casting of Apparatus Case foundation with contractors Anchor bolts, cement, ballast and other materials. The required scaffolding Ferma etc for Casting of foundation will have to be brought by the contractor at his own cost. Half Case as per Drg No . SK-804. (Inspection by Consignee).	Set	10.00	12582.72	125827.20
10	10	Erection of Apparatus Cases. This includes filling of location foundations and plastering. Single Case. (Inspection by Consignee).	Numbers	40.00	1425.26	57010.40
11	11	Erection of Apparatus Cases. This includes filling of location foundations and plastering. Half Case. (Inspection by Consignee).	Numbers	10.00	1093.44	10934.40

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12	12	Installation of Eqpt. (Relays, resistance, chargers batteries etc.as applicable) & wiring of the same in apparatus Cases as per location diagrams & circuit diagrams, as per Instruction of site incharge and practice. Single Case. (Inspection by Consignee).	Numbers	40.00	1944.04	77761.60
13	13	Installation of Eqpt. (Relays, resistance, chargers batteries etc.as applicable) & wiring of the same in apparatus Cases as per location diagrams & circuit diagrams, as per Instruction of site incharge and practice. Half Case. (Inspection by Consignee).	Numbers	10.00	1321.08	13210.80
14	14	Installation of earth electrode assembly as per Drg.No.RE/S&T/SIG/Tender/SK726/85 including earth wire connected through GI wire 8 SWG supported on M.S. flat of size 6mm x 40 mm to earth electrode as per drg. No. CR/S&T/SK-815 for sigg. Equipment such as lever frames, apparatus case, signals, relay racks, block instruments, and etc. as per RE manual. The earth value should be less than 10 Ohms including the lead wire. The value should be measured in presence of Rly. supervisor. It should be documented and painted on earth enclosure made of concrete.(only earth electrode will be supplied by Railway). All other material required for provision of earthing will be brought by the contractor. (Inspection by Consignee).	Numbers	295.00	3281.53	968051.35
15	15	Installation, wiring & testing / commissioning of Multi Section Digital Axle Counter's Central Unit/Evaluator/Processor for the section /at station including its associated all indoor equipments, indication panel, monitoring console/interface computer and wiring the same to integrate with the relay circuits including supply of required power cable of multi -strand 10 Sq mm or more from power room to Central Evaluator, 2 core shielded cable of required size copper conductor as per IRS (S) 76/89(Amd.3) or IS 694/2010 with latest amendment as applicable with other accessories as per the instructions of Railway Engineer at site and earthing as per OEM's technical requirement and specifications. This also includes laying & termination of cable if any form Panel Room to Axle Counter room /Relay room in DWC pipe with contractor's material / existing ladder. (Inspection by Consignee). The details are elaborated in item no.1.10 of Annxture I & scope of work as per item no.1.12 of Annxture I of Tender Document. **This schedule of work should be read in consonance with detailed Technical specifications (Supply & Execution) mentioned in Annxture I of Tender Document.	Per Detection Point (DP)	295.00	3751.47	1106683.65
16	16	Installation of complete assembly of track device/double rail contact unit for entry or exist with conductors all material including drilling of required sizes holes on rails for fixing these, taking the cable lead through anti-rodent, anti-oxidnat & non-flame propagating type Double walled corrugated (DWC) pipe as pr RDSO/SPN/204/2011 Ver.1.1 with Amd.1 or latest from track device to location box and terminating it on terminals including digging of trench under track and upto location/Track side unit and all other accessories as per site requirement for laying of transmitter and receiver cable with suitable wire embeded rubber pipe with clamp for protecting these cables at DP end. (Inspection by Consignee). The details are elaborated in item no.1.11 of Annxture I & scope of work as per item no.1.12 of Annxture II of Tender Document. **This schedule of work should be read in consonance with detailed Technical specifications (Supply & Execution) mentioned in Annxture I of Tender Document.	Per Detection Point (DP)	295.00	15662.39	4620405.05

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17	17	Installation of complete assembly of deflectors on either side of track device/double rail contact unit including drilling of required sizes holes on rails for fixing these. (Inspection by Consignee). The details are elaborated in item no.1.11 of Annexure I & scope of work as per item no.1.12 of Annexure I of Tender Document. **This schedule of work should be read in consonance with detailed Technical specifications (Supply & Execution) mentioned in Annexure I of Tender Document.	Per Detection Point (DP)	295.00	1242.08	366413.60
18	18	Supply, fixing & wiring of mismatch panel depicting Indication Panel/VDU layout with contractors own material like LEDs for each track section, flexible wire, connecting terminals, buzzer etc. The work shall be done as per extant practice on C.Rly. & instruction of Rly. Engineer at site. (Inspection by Consignee).	Station	5.00	65057.46	325287.30
19	19	Excavation of cable trench as per cable route plan, 1.0 mt. deep and 300mm wide along side the track in normal soil/strata, conforming to distances as per cable route plan and refilling after cable laying. This work includes covering of cable laid in trench by loose soil for a layer of 50mm thickness after clearing of route, bushes etc. It shall be ensured that top of the cables laid is at a depth of 0.8m or more. If it is less, then the width and depth shall be suitably increased and accordingly proportionate payment shall be made. In case depth of trench is not achievable due to site conditions proportionate payment will be made as per procedure. The work shall be done as per the extant practice on Central Railway and instructions of Railway Engineer at site. Drg. No. SK 805. (Inspection by Consignee).	cum	6000.00	454.30	2725800.00
20	20	"Excavation of cable trench as per cable route plan, 1.0 mt. deep and 300mm wide along side the track in hard soil, conforming to distances as per cable route plan and refilling after cable laying. This work includes covering of cable laid in trench by loose soil for a layer of 50mm thickness after clearing of route, bushes etc. It shall be ensured that top of the cables laid is at a depth of 0.8m or more. If it is less, then the width and depth shall be suitably increased and accordingly proportionate payment shall be made. In case depth of trench is not achievable due to site conditions proportionate payment will be made as per procedure. The work shall be done as per the extant practice on Central Railway and instructions of Railway Engineer at site. Drg. No. SK 805. (Inspection by Consignee)."	cum	500.00	757.16	378580.00
21	21	Cutting of all types of Roads/ platforms (except concrete type) for trenching and excavation to depth of 300mmx300mm wide approx. and refilling after laying of RCC/GI /DWC pipe & to restore them to original condition. The work shall be done as per extant practice on C.Rly & instructions of Rly engineer at site. Drg. No. SK 807. (Inspection by Consignee).	cum	50.00	3785.84	189292.00
22	22	Fixing of GI pipes for crossing the culverts, bridges etc. and concreting of ends with brick masonry at both ends as per the instruction of Rly engineer at site. (Inspection by Consignee).	Metre	100.00	90.82	9082.00
23	23	Digging of trench 1.0 M deep from rail flange/road level (for LC) and 0.3Mtrs. to 0.6 Mtrs wide and back filling after placing of DWC/RCC/GI pipe. (Placing of DWC/RCC/GI pipe covered separately. The ballast disturbed be screened and dressed as required by Engineer-in-charge or his representatives and road tarred immediately. Drg. No. SK 806. (Inspection by Consignee).	cum	100.00	757.16	75716.00

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24	24	Laying of DWC/RCC pipes alongwith collars/RCC Half round pipes in trenches at places of track and road crossings, platform cuttings etc. (Inspection by Consignee).	Metre	500.00	73.79	36895.00
25	25	Laying of signalling/Power/Telecom cable of various cores/sizes in trenches. (Inspection by Consignee).	Kilometre	100.00	6746.25	674625.00
26	26	"Wherever depth of 0.5M cable trench is not feasible, cable shall be protected as under:- Preparation of cement mixture 1:3:6 with contractor's own materials and spreading cement concrete mixture layer of 100 mm thick over the already laid cables in the excavated trench. (Inspection by Consignee)."	cum	50.00	6917.76	345888.00
27	27	Fixing of modular terminal/fuse blocks alongwith all accessories with provision of fixing holes on hylam sheets/side angles of Loc Box and fixing by galvanised nuts & bolts. This includes fixing of DIN channel alongwith PVC Comb type 'C' channel (size 2 inch x 2 inch) for cable termination on modular terminal. The PVC channel with cover to be supplied by firm as required. The work shall be done as per the instruction of Rly engineer at site. (Inspection by Consignee).	Numbers	1000.00	24.73	24730.00
28	28	"Horizontal boring of cable duct of minimum 2.0 Mtr. depth alongwith laying of 120mm HDPE pipe for track crossing with minimum depth reckoned from the bottom of the rail/road crossing with minimum depth reckoned from ground level. The work shall be done as per extant practice & instructions of site Engineer. Preparation of site for Horizontal boring shall be carried out in presence of Railway Representative. HDPE will be supplied by Railways. Note:- Contractor shall provide all material required for boring and adequate nos. of labours for proper laying of cables into the bore. Cable shall be laid cautiously so that it should not get damage due to rough handling & pressure on cable. (Inspection by Consignee)."	Metre	800.00	3388.38	2710704.00
29	29	"Painting of two coats of synthetic enamel paint over one coat of primer on the following after scraping & cleaning surface wherever necessary with contractor' own supply of paints.Wherever required contractor shall apply coating of epoxy paint also as per instructions of site-in-charge.Epoxy paint will be supplied by Railways. NOTE:- The paint and primer should be from M/s Asian paints Co. Ltd.,. The paints will be primer (IS 5660 of 1970) the Aluminium synthetic black enamel (IS 2932 of 1974) brilliant white and yellow Painting two coats of enamel paint over one coat of primer. Apparatus Case Full Size. (Inspection by Consignee)."	Numbers	40.00	565.20	22608.00
30	30	"Painting of two coats of synthetic enamel paint over one coat of primer on the following after scraping & cleaning surface wherever necessary with contractor' own supply of paints.Wherever required contractor shall apply coating of epoxy paint also as per instructions of site-in-charge.Epoxy paint will be supplied by Railways. NOTE:- The paint and primer should be from M/s Asian paints Co. Ltd.,. The paints will be primer (IS 5660 of 1970) the Aluminium synthetic black enamel (IS 2932 of 1974) brilliant white and yellow Painting two coats of enamel paint over one coat of primer. Apparatus Case Half Size. (Inspection by Consignee)."	Numbers	10.00	424.43	4244.30
31	31	Lettering / Numbering of Signals, Point Machine, Track Lead Junction Boxes, Block Joints, Apparatus Cases etc. (each item to be taken as One Unit) This work will be carried out as per the standard practice being followed in Central Railway. (Inspection by Consignee).	Numbers	50.00	73.52	3676.00

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32	32	Lettering / Numbering Termination particulars, equipments names etc., legibly and neatly inside location boxes. Full Case. (Inspection by Consignee).	Numbers	40.00	342.06	13682.40
33	33	Lettering / Numbering Termination particulars, equipments names etc., legibly and neatly inside location boxes. Half Case. (Inspection by Consignee).	Numbers	10.00	194.74	1947.40
34	34	Blowing/Drawing of OFC cable in HDPE/DWC duct and protective work, as per direction of site engineer. (Inspection by Consignee).	Kilometre	8.00	16928.74	135429.92
35	35	"Patching work in old location box consisting 1) Digging of pit, cleaning of earth from all sides, breaking of seal of location boxes removal sand from location, marking of new cable holes 2) insertion of cable from ground 3) making place for cable termination in old location, shifting ARA, fuse etc after removal and termination including fixing of ARA. 4) Termination of cable in old location 5) Filling of sand and plastering to all sides upto 50mm below ground level. "	Numbers	30.00	8151.32	244539.60
36	36	Shifting of existing Full Location Boxes coming in the alignment of doubling. The work includes loosening & removal of soil around location boxes by excavating soil around foundation, making of pit for shifting of location box horizontally opposite to railway track up to 0.5 to 1.0 mtr. This includes loosening of existing cable coils without any damage. The excavated soil shall be back filled after shifting of Location Boxes. Location box along with its foundation shall be shifted by push method with the help of jacks or by crane by contractors own expenditure under instructions of engineer in-charge at site. Any minor repairs in foundation due to patching shall also be carried out by contractor as per instruction of Engineer incharge. The work may affect train working hence the work shall be done as per margin only or during traffic block only.	Numbers	30.00	7071.08	212132.40
					Total	16689744.57
Schedule	Schedule 03-Schedule-C: Supply & Execution Portion (Non-SOR items)					
Item- 03	Schedule-C: Supply & Execution Portion (Non-SOR items)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount

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1	01	Supply of Tool Kit for installation and Maintenance of MSDAC. It shall include the exhaustive list of tools used for the installation of Indoor and Outdoor Equipment. This should be in consonance with requirement of OEM. The Supply of tool kit consists of Service test panel including meter for test of track equipment, tools for mounting and adjustment of track equipment and standard jig for drilling of holes in rail (as per manufacturer specification for which list to be given by manufacture certified from OEM). In addition to this, tool kit shall also consists of- (a) Fluke 189 True RMS Digital multimeter for MSDAC system with probe set - 1 no. (b) Extended wired socket to interface with diagnostic plug - 1 no. (c) Selector switch on panel base - 1 no. (d) Adjustable torque wrench with 13 mm & 19 mm inserts - 1 set. (e) Set of Spanners, Screw driver with mains tester and soldering iron suitable for MSDAC (f) Dummy wheel - 1 no. (g) Marking/ Test Jig (h) Drilling template - 1 no. (i) Centre punch - 2 nos. (j) DAC / EC Card Puller (k) Carrying case for complete tool kit and other accessories. (l) Any other item which is required to install the equipment as per OEM recommendations also to be included. *** It should be certified by tenderer through OEM that no other tools as mentioned in list (or as additionally to be provided vide item (l) of this) will be required to install / monitor MSDAC. (Inspection by Consignee).	Set	10.00	120373.63	1203736.30
2	02	Supply of Impact drill machine as per BOSCH part no.GSB-21-RE make BOSCH or SKILL or EIN-HELL. Other details as mentioned in item no.1.4 of Annxture -I of Tender Document. (Inspection by Consignee)	Numbers	2.00	15612.76	31225.52
3	03	Supply of True-RMS Electronics Logging Multimeter, Fluke make (Model No.287) or similar. (Inspection by Consignee).	Numbers	10.00	59426.68	594266.80
4	04	Supply of Carrier Group Marker. (Inspection by Consignee).	Numbers	340.00	17.11	5817.40
5	05	Supply of Blank Marker Card. (Inspection by Consignee).	Numbers	200.00	62.64	12528.00
6	06	Supply and commissioning of Thermo vision imager alongwith drive and power tools & equipments spares as per RDSO spec no. TI/SPC/OHE/TIPS/1030/6/2005) Rev-1 or latest. (Inspection by Consignee)	Numbers	2.00	417304.27	834608.54
7	07	Supply, Installation, Testing & Commissioning of Axle Counter Cable Conductor's Earth resistance Sensing Unit, Microcontroller Based for 24 Nos. conductors with metering facility for one conductor at a time.as per attached technical specification (Inspection by RITES).	Numbers	10.00	83942.25	839422.50
8	08	Supply of Optical Time Domain Reflectometer (OTDR) Fluke / Deviser / Techtest / Vevai / Fibershot. (Inspection by Consignee).	Numbers	2.00	79860.00	159720.00
9	09	Supply of Cable Avoiding Tool Make - Stanlay model MXL4 DBG or similar as per technical specifications mentioned in item no.1.5 of Annexure I of Tender Document. (Inspection by RITES).	Numbers	1.00	513227.99	513227.99
10	10	Supply and installation of RFID based Electronic Cable/Pipe marker 22.5 cm dia, 1.5m depth range, 10 Digit hexadecimal ID code 101.4 Khz frequency (Inspection by Rites)	Numbers	300.00	3163.90	949170.00
11	11	Supply and installation of RFID marker locator , 8000 marker records, built in GPS module, 1.5m depth range, 4*20 Digits LCD display (inspection by Consignee)	Numbers	1.00	382390.02	382390.02
12	12	Bumpless Automatic power source changeover Device for DC supply: Range 20V-150V, 45 Amp (2 input source). Model PT RSA HL DC-03 or equivalent (Inspection by Consignee)	Numbers	25.00	61094.17	1527354.25

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13	13	Digital Ground tester model DET3TD (megger make) or equivalent.(Inspection by Consignee)	Numbers	5.00	90325.60	451628.00
14	14	Supply of Polyolefin Cable Channel 2434 with following dimensions, height (internal /external) 155 mm/230 mm x width 240 mm/340 mm x length 1000 mm with suitable detachable cover having fire protection Class K1 in accordance with DIN 53438 Part -2 & Electrical charestic - 650 KV/CM in accordance with DIN VDE 0303 - 21 for laying all types of S&T cables.(Inspection by Consignee).	Metre	1200.00	3105.02	3726024.00
15	15	Providing Road Breaker/concreate breaker/ boulder or rock breaker with compressor & Jack Hammer for Railway work such as cutting & dismentalling of road concrete/Brick pucca structure(RCC/Steel section) including contractors fuel, driver and all other charges. (Unit to be read as Per Hour).	Hour	600.00	1793.35	1076010.00
16	16	"Supply of AC and DC low current clamp meter with range 1mA to 100 A; make GTC CM 100 or similar model from make Fluke, Rishab or Motwane. (Inspection by Consignee)."	Numbers	16.00	26218.03	419488.48
17	17	Provision of Ring Earth (Maintenance Free Earth) arrangement as per RDSO specification No. RDSO/SPN/197/2008 with latest amendments. This includes supply of all required material as per latest RDSO's guidelines.	Numbers	4.00	627618.44	2510473.76
					Total	15237091.56
Schedule	Schedule 04-Schedule-D: Supply of MSDAC					
Item- 04	Schedule-D: Supply of MSDAC (Non SOR)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount

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1	01	"Supply of Digital Axle Counter Multi section type complete system including the Central Evaluator and final track clearance relay for each section, other relays, Reset boxes, LV boxes, All track side units with detection point complete assembly & fixing arrangement for each detection point, clamps deflector for either side of each detection points, monitoring console for monitoring all the DPs at a time installed at a station/ RH/IBH etc. with all other accessories fully wired and fully equipped as per RDSO specification No.RDSO/ SPN/176/2013 (ver.3) or latest and manufacturers specification. The equipment must also include the following: a) System must have remote monitoring and health diagnostics feature as per RDSO specification. b) Surge protection device. c) 20% spare slots for the both detection heads and track section in the evaluator for future and emergency provision. Each set also consisting of - a) Double rail contact of standard length of cable as per site requirement and mounting accessories - Equal to no. of DP. b) Deflectors to safeguard Rail Contact will be TWICE the no. of DPs. c) Protecting tube from DP to railhead as per requirement. d) Diagnostic PC as per specification and other accessories . FOR EACH STATION as per tender document. e) Pre-wired cabinet/rack no. as per site requirement. f) 6 Nos. Electrostatic Discharge Wrist Band for cards/ modules protection. g) 10% spare cards and Evaluators on overall basis. FOR EACH STATION h) Any communication equipment required for working and / or networking up to Central Control of S&T. The details of MSDAC along-with its configuration model in detail as per item no.1.1 & 1.2 of Annxture I of Tender Document (i.e. No. of cards, ports, relays, etc.) shall be incorporated with the offer. The other details required for MSDAC are elaborated in item no.1.1 & 1.2 of Annexure I & scope of work as per Tender Document. **This schedule of work should be read in consonance with detailed Technical specifications (Supply & Execution) mentioned in Annexure I of Tender Document. (Inspection by RDSO)."	Per Detection Point (DP)	295.00	409992.77	120947867.15
					Total	120947867.15

4. ELIGIBILITY CONDITIONS

Important : All documents uploaded and remarks / confirmation entered by the bidders against any eligibility condition shall be opened as part of technical bid only

Special Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer must have minimum average annual contractual turnover of 1.5V/Ncrores; where V=Advertised value of the tender in crores of Rupees N=NO of years prescribed for completion of work for which bids have been invited . The average annual turnover shall be calculated as an average of "Total contractual payments "in the previous three financial years,as the per the audited balance sheet . However,in case balance sheet of the previous year is yet to be prepared/audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover. The tenderer shall submit requisite information as per Annexure VIB ,along with copies of audited balance sheet duly certified by the Chartered Accountant/ certificate from chartered accountant duly supported by audited balance sheet.	No	No	Allowed (Mandatory)

Special Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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1	(a) The tenderer must have successfully completed OR substantially completed any one of the following categories of work(s) during last 07(seven) years , ending last day of the month previous to the one in which tender is invited:(i)Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or (ii) Two similar works each costing not less than 40%of advertised value of the tender,or (iii)One similar works each costing not less than 60%of advertised value of the tender.	No	No	Allowed (Mandatory)
1.1	Definition of similar work is as below: "Work of Supply,installation,testing and commissioning of DAC" OR "Any signaling work involving supply,installation & commissioning of DAC"	No	No	Not Allowed

Bidders shall confirm and certify on the behalf of the tenderer including its constituents as under:

S.No.	Description
1	I/we the tenderer (s) am/are signing this document after carefully reading the contents.
2	I/We the tenderer(s) also accept all the conditions of the tender and have signed all the pages in confirmation thereof.
3	I/we hereby declare that I/we have downloaded the tender documents from Indian Railway website www.ireps.gov.in . I/we have verified the content of the document from the website and there is no addition, no deletion or no alteration to the content of the tender document. In case of any discrepancy noticed at any stage i.e. evaluation of tenders, execution of work or final payment of the contract, the master copy available with the railway Administration shall be final and binding upon me/us.
4	I/we declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
5	I/We also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.
6	I/We declare that the information and documents submitted along with the tender by me/us are correct and I/we are fully responsible for the correctness of the information and documents, submitted by us.
7	I/we certify that I/we the tenderer(s) is/are not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of submission of bids, either in individual capacity or as a HUF/ member of the partnership firm/LLP/JV/Society/Trust.
8	I/we understand that if the contents of the certificate submitted by us are found to be forged/false at any time during process for evaluation of tenders, it shall lead to forfeiture of the Bid Security and may also lead to any other action provided in the contract including banning of business for a period of upto two year. Further, I/we and all my/our constituents understand that my/our offer shall be summarily rejected.
9	I/we also understand that if the contents of the certificate submitted by us are found to be false/forged at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of Bid Security/Security Deposit and Performance guarantee and may also lead to any other action provided in the contract including banning of business for a period of upto two year.
10	I/We have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India and certify that I am/We are not from such a country or, if from such a country, have been registered with the competent Authority. I/We hereby certify that I/we fulfil all the requirements in this regard and am/are eligible to be considered (evidence of valid registration by the competent authority is enclosed)

Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc.

S.No.	Description
1	Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc. Please submit a certificate in the prescribed format (please download the format from the link given below). Non submission of the certificate, or submission of certificate either not properly filled in, or in a format other than the prescribed format shall lead to summary rejection of your offer. (Click here to download the Format of Self Certification)

5. COMPLIANCE

Important : All documents uploaded and remarks / confirmation entered by the bidders against any compliance condition shall be opened as part of technical bid only.

Check Lst

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As Per Tender Document	No	No	Not Allowed

Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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**DYCSTE-C-DR-S AND T/CENTRAL RLY
TENDER DOCUMENT**

Tender No: CR_PA_SNT_CN_2023-02

Closing Date/Time: 31/01/2024 15:00

1	As per Tender Document	No	No	Allowed (Mandatory)
2	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)

Special Conditions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per Tender Document	No	No	Not Allowed

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	AS PER TENDER DOCUMENT	No	No	Allowed (Mandatory)

Undertakings

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	AS PER TENDER DOCUMENT	No	No	Not Allowed

6. Documents attached with tender

S.No.	Document Name	Document Description
1	2023_12_21IndianRailwaysStandardGeneralConditionsofContractApril-2022AdvanceCorrectionSlipNo_6ACS-63_1.pdf	ACS6 Correction slip
2	TENDOC20230220122023finaltd.pdf	tender document
3	CRLYDRAWINGANNEXURES-SORSUPPLY1-7-11.pdf	annexure relay rack
4	a.GCC.April.2022.pdf	GCC APRIL 2022
5	GCCApril2022CorrectionSlipNo.1.pdf	GCC correction slip 1
6	GCCApril2022CorrectionSlipNo.2.pdf	GCC correction slip 2
7	GCCApril2022CorrectionSlipNo.3.pdf	GCC correction slip 3
8	GCCApril2022CorrectionSlipNo.4.pdf	GCC correction slip 4
9	GCCApril2022CorrectionSlipNo.5.pdf	GCC correction slip 5
10	Special.Instruction.10.06.2022.pdf	special instructuions to tenderer
11	Special.Instruction.19.01.2023.pdf	special instnctions to tenderer
12	ShramikkalyanPortal1.pdf	shramik kalyan
13	LetterofCredit2.pdf	letter of credit
14	SimilarWorkDefinition16062015.pdf	similar work defination
15	organized21.pdf	Tender Schedule

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Induswww Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of GFR regarding procurement through GeM.

Signed By: SUDHANSHU MITTAL

Designation : DSTE/C/PA

**DYCSTE-C-DR-S AND T/CENTRAL RLY
TENDER DOCUMENT**

Tender No: CR_PA_SNT_CN_2023-02

Closing Date/Time: 31/01/2024 15:00
