

REQUEST FOR PROPOSAL

FOR

Installation work along with installation material and supply of material "in Provision of Telecommunication arrangements at stations in Velachery - St. Thomas Mount section of Chennai division in connection with MRTS - Phase-II Extension work."

Tender Ref. No. : PMD-FI-4.6050-Tender

Earnest Money Deposit (EMD).... Rs. 25000/- (Rupees Twenty Five Thousand Only)

Last Date and time of submitting: 05-06-2023 at 1100 Hrs

Date and time of opening of the Bids 05-06-2023 at 1130 Hrs



PUNJAB COMMUNICATIONS LIMITED
B-91, PHASE VIII, INDUSTRIAL AREA,
S.A.S. NAGAR (CHANDIGARH) – 160 071
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Organization Name : **PUNJAB COMMUNICATIONS LIMITED**
B-91, PHASE VIII, INDUSTRIAL AREA,
S.A.S. NAGAR (CHANDIGARH) – 160 071

Organization Type : Public Sector Undertaking

Tender Ref No. : PMD-FI-4.1442-Tender

Category : Indoor and outdoor Railway work.

Tender Schedule

Date Of Publishing on Puncom Website : 15-05-2023

Earnest Money Deposit (EMD) : Rs. 25000/- (Rupees Twenty Five Thousand Only)

Last date of Submission of Bid : 05-06-2023 at 1100 Hrs

Date of Opening Technical Bid : 05-06-2023 at 1130 Hrs

Sealed Offers are invited in terms of this document including compliance statement for each clause provided in this document, offer and other terms & conditions.

1. SCOPE OF WORK:

Installation work along with installation material and supply of material “in Provision of Telecommunication arrangements at stations in Velachery - St. Thomas Mount section of Chennai division in connection with MRTS - Phase-II Extension work.”

(Detailed work schedule is attached as Annexure-III).

2. ELIGIBILITY CRITERIA:

- a. The Tenderer must have valid GST and PAN No.
- b. The Tenderer must have executed and completed any telecom / signaling work (attach details with supporting documents) of Railways and should have made turnover Rs. 1 Crs. (cumulative) during the last 3 years i.e 2023-24 or 2022-23 , 2021-22 & 2020-21. Contractors having experience with Railways will be preferred. Proof of experience has to be enclosed along with bid.
- c. The Tenderer should sufficient technical and non technical manpower (Engineers, Diploma as well as Labour) for execution of work as per Railway requirement who are Proficient in installation, laying, trenching, jointing testing and termination of optical fibre and quad cables.
- d. The Tenderer should have the ability to meet the running expenditure, to execute the contract.
- e. Tenderer should not have been blacklisted by any Govt. / PSUs or any other agencies earlier. An undertaking to be enclosed with the offer.

3. EMD

- a. The bidder(s) are required to deposit a sum of Rs. 25000/- (Rupees Twenty Five Thousand Only) as Earnest Money. The earnest Money can be deposited in the form of Demand Draft in favour of 'Punjab Communications Limited' payable at Chandigarh. Bid unaccompanied by the requisite earnest money will be summarily rejected.
- b. The earnest money will be returned to the unsuccessful bidder(s) after finalizing the tender and till then PUNCOM will not be liable to pay any kind of interest on the earnest money. The successful bidder's EMD may be adjusted with the security deposit.
- c. The Bid Security (EMD) may be forfeited, If a bidder withdraws his bid during the period of validity specified in the bid form and In case of successful bidder, If bidder fails to sign the contract.

4. Security Deposit

The Security Deposit equivalent to 6% of the total contract value as per following details will be deposited/ deducted by successful bidder.

- a. Initially 1% of the contract value to be submitted in the form of Bank Guarantee at the time of award of contract or the EMD of the successful bidder which was submitted at the time of bid will be converted into Security Deposit.
- b. The balance 5% will be deducted / retained from the running bills submitted by successful bidder till it reaches total 6% of the contract value and this amount will be released after completing the project in all respects.
- c. The security amount will be forfeited in case the successful bidder fails to execute the contract as per the requirements of Railways.

5. Payment Terms :-

The payment of installation work and supplied material will be paid as per following details:-

a. **Erection and services only** :-

- i. 85% payment on completion and duly certified by the concerned SSE of Railways or official of Puncom.
- ii. 10% payment after MB entry by Railways.
- iii. 5% payment after completion of whole work.

b. **Supply & Installation (combined):-**

- i. 70% payment on supply and on acceptance by consignee.
- ii. 10% payment after installation and duly certified by the concerned SSE of Railways or official of Puncom.
- iii. 10% payment after MB entry by Railways
- iv. 10% payment after completion of whole work.

c. Supply Only :

- i. 85% payment on supply and on acceptance by consignee
- ii. 5% payment after MB Entry by Railways
- iii. 10% payment on completion of whole work.

a. OTHER TERMS & CONDITIONS:

- a. All terms and conditions as per Railways tender No. Tender No: SG-CNMTP-23-1-VLCY-STM-TE Dated: 27/01/2023 (General, Special etc) and LOA no. Letter No:XSTE-CN-MTP-MS-C-S AND T / SG-CNMTP-23-1-VLCY-STM-TE / 00814660075621 Dated:21/04/2023 shall be applicable on contractor on back-to-back basis.
- b. The quoted prices should be firm and no escalation in prices is permitted on any grounds throughout the contract period.
- c. The contractor should be ready to work on back-to-back payment terms, back-to-back LD / penalty, warranty and other conditions of the railway tender including establishment of store, if required.
- d. PUNCOM reserves the right to cancel or reject any part of bid or the entire tender without assigning any reasons.
- e. PUNCOM reserves the right to distribute the job among more than one eligible Tenderer.
- f. PUNCOM reserves the right to increase or decrease the work by 25% other than scope of work.
- g. The contractor shall comply with all the provisions of GST, Income Tax or other taxes as applicable in the concerned state. Any penalty / fine / interest etc. for non-compliance for the laws shall be borne by the contractor.
- h. The bid shall remain valid for 6 (six) months after the date of bid opening prescribed by the PUNCOM. A bid valid for a shorter period shall be rejected by the PUNCOM as non-responsive.
- i. During warranty period any failure reported by Railways shall be rectified by contractor free of cost.
- j. The entire work is to complete within 90 days from the date of issue of work order.

6. HOW TO APPLY:

Contractors should enclose the company details as per Annexure-I, Compliance Statements as per Annexure-II for all points of Clauses mentioned above and prices as per Annexure-III and should enclose the following:

- a. Earnest Money Deposit (EMD).
- b. Company profile, / Corporate Brochures of product / service profiles of the firm.

- c. Copies of GST and PAN Number etc. .
- d. All related documents substantiating the eligibility criteria as per Annexure-I and Annexure-II.
- e. List of test instruments / machines available.
- f. 3 Years audited Balance Sheet and profit and loss account indicating turnover and financial position of company.
- g. Undertaking that Firm have not been blacklisted by any Govt. / PSUs or any other agencies earlier.
- h. The bid shall be addressed to the PUNCOM at the following address who shall be the designated authority for receiving of the tender / bid.

Head Projects
Punjab Communications Limited, (Puncom)
B-91, Phase – VIII, Industrial Area,
SAS Nagar, Mohali – 160 071 (Punjab)

- i. Bid Should bear the Tender Ref. Number : PMD-FI-4.6050-Tender and the words “do not open before 05-06-2023 and shall indicate the name and address of the bidder to enable the bid to be returned unopened in case it is received late.
- j. The entire Tender document should be signed on each page and has to be enclosed along with the response.
- k. Profile of the Firm (Annexure–I) & Compliance Statement (Annexure–II) are to be filled up and necessary documents are to be submitted along with the offer.
- l. Last date for submission of bid is 05-06-2023 upto 1100 Hrs. and shall be opened on the same day at 1130 Hrs for evaluation.
- m. Tender shall either be sent by registered post / courier or delivered in person. Bid delivered in person shall be delivered into the tender box, marked with the name of the work, Tender Ref. No. kept at the office of Head Projects. PUNCOM shall not be responsible if the bids are delivered elsewhere. If the envelopes are not sealed and marked properly as required, the bid may be rejected.
- n. Bids must be received by the designated authority at the address specified above not later than 1100 Hrs on due date.
- o. The PUNCOM may at its discretion, extend this due date and time for the submission of bids by amending the bid documents and in such a case, all rights and obligations of the PUNCOM and bidders subjected to previous due date and time, will be subjected to the extended due date and time.
- p. Any bid received by the PUNCOM after the due date and time, shall be rejected and returned unopened to the bidder.

7. EVALUATION:

- a. PUNCOM shall examine the Bid to determine whether these are complete and are generally in order, without computation errors, with required enclosures and appropriate documents.

- b. PUNCOM may waive any minor infirmity of non-conformity or irregularity in a bid, which does not constitute a material deviation, provided that such waiver does not prejudice or affect the relative ranking of any bidder.

8. Award of Contract

- a. The successful bidder, whose offer is found acceptable as per terms and conditions of the tender document, will be intimated so by the PUNCOM in writing.
- b. The successful bidder shall give their acceptance in writing within 15 days of issue of intimation.

9. SETTLEMENT OF DISPUTES

- a. All disputes arising out of or in connection with this tender / contract / agreement, including any question regarding existence, validity or termination, shall unless amicably settled between the parties, be finally settled by arbitration in accordance with the arbitration and conciliation act 1996 and rules framed thereof. MD PUNCOM or his nominee shall be the sole Arbitrator.
- b. Only the Courts at District Mohali (Punjab) and Punjab & Haryana High Court at Chandigarh shall have the jurisdiction over any dispute arising out between the parties.

Date: 15-05-2023

PROFILE OF THE FIRM

(To Be Filled Up by the Tenderer)

1	Name of the Firm	
2	Address of the Firm HQ and branch offices	
3	Year of Incorporation	
4	Contact Details	
5	Bank Account Details	
6	PAN No.	
7	GST No.	
8	Type of Firm	
9	List of prominent customer worked with.	

(Signature with stamp)

(IN REGARD TO ELIGIBILITY CRITERIA)

ANNEXURE-II

Name of the Firm/Company with Address: _____

Telephone No: _____

E-Mail Id: _____

Please write COMPLIANT or NON-COMPLIANT against each row:

1	The Tenderer must have executed and completed any telecom / signaling work (attach details with supporting documents) of Railways and should have made turnover Rs. 1 Crs. (cumulative) during the last 3 years i.e 2023-24 or 2022-23 , 2021-22 & 2020-21.	
2.	Experience of handling Railway turnkey projects with Railway.	
3	Having valid GST and PAN Card are enclosed herewith.	
4	Deployment of manpower (engineers as well as labour) as per railways requirement.	
5	The firm having ability to meet for the running expenditure during the execution of contract. Solvency certificate to be attached.	
6	The firm is not black listed by any Govt./PSU or any other agency earlier	
7	The firm is ready to work on back-to-back payment terms, warranty obligation and back-to-back LD/Penalty conditions of the Railways.	
8	The firm is ready to furnish Security Deposit amount, as per the terms of contract.	
9	Demand Draft for Rs. 25000/- towards EMD is attached.	

(Signature with Seal)

Scope of Work						
SN	Activity Description	Qty	Unit	Rate	Total	Remarks
Erection and Services :						
1	Excavation of cable trench in all kinds of soil except hard rock areas to a depth of 1.0 mtr including laying of cables.	300	mtr			
2	Excavation of trench along route of existing cable duct, opening the slabs to accommodate additional cable laying, repositioning etc as per detail.	100	mtr			
3	Provision of GI Pipes (50/100 mm dia) for cable laying along with accessories as per detail for RCC bridges/ Drainage/ culverts.	24	mtr			Kindly refer railway schedule carefully before quoting. Any hidden item if required will be supplied by the contractor.
4	Laying of signalling/power/telecom cables as per cable plan in cable trenches, RCC Pipes etc.	5000	mtr			
5	Refilling of cable trench im depth by 0.3 m width throughout, with earth as per detail.	300	mtr			
6	Installation of 4 Wire DTMF based way station equipment as per rdso specs and detail.	2	Set			Supply will be made by Puncom and required installation material will be supplied by the contractor.
7	Installation of magneto telephone handle type along with installation material (wire PVC 16/0.2mm copper).	4	Nos			
8	Submission of all relevent final As makes of ckt diagrams in Auto CAD as per detail.	100	Sheet			All required documentation part will be arranged by the contractor.
9	Installation and transportation of 42U covered Racks along with installation material.	4	Nos			Supply will be made by Puncom and Transportation, Installation along with installation material will be managed by the contractor.
10	Installation and Transportation of SDH-STM-16 along with installation material.	4	Nos			

11	Transportation, installation and wiring of PD Mux, MDF at both ends, U link panel etc.	4	Nos			Supply of VF Transformers (1120:600 ohms as per site requirement will be arranged by the contractor. Switch board cable, Rack side MDF will be supplied by Puncom.
12	Transportation and installation of Power plant and batteries as per detail along with required installation material.	4	Nos			Transportation and Installation along with installation material as per Railway requirement.
13	Laying of HDPE duct in the Trench.	6000	mtr			
14	Blowing / Drawing of OFC cable in permanently solid lubricated HDPE Pipes as per detail.	6000	mtr			
15	Clamping of OFC/Telecom/PA system cable in the station building using PVC spiral hose (green) of suitable dia.	30	mtr			
16	Termination of 100 pair krone connectors and terminating of pair cable with teak wood plank.	4	Nos			
17	Fixing of 20 Pair krone module housed in MS Box power coated with Lock & key and termination of cable, required material as per detail like Kongu/Teak wood planks, GI Pipe etc will be arranged by you. Inspection by Consignee.	6	Nos			Supply will be made by Puncom. All required material for installation, teak wood plank, GI Pipe etc will be supplied by the contractor.
18	Cutting of trench across/on the platform/floor with tiles/walls for a depth of 10cm, cable laying and restoration as per detail.	500	mtr			
19	Installation of media converter, Fibre to ETH	4	Pair			
20	Installation of VHF maintenance free omni directional weather proof antenna as per railway instructions. It includes concrete support at bottom GI Pipe to fix antenna etc.	1	Nos			Any required installation material, accessories as per site requirement along with earthing etc will be done by the contractor
21	Installation, Testing and comm of VHF Sets as per detail along with installation material and accessories.	1	Nos			

22	Liasing charges to facilitate obtaining license from WPC Department as per detail. Permission from Wireless Planning and Coordination department for VHF communications by paying fee.	1	LS			
23	Installation, Testing , comm and transportation of GPS double face clock with separate earth.	6	Nos			Earthing will be done by the contractor..
24	Provision 25w Horn speaker in open areas for public address system of ABS plastic, fabrication and erecting of pole, angles etc.	18	Nos			Supply will be made by Puncom.
25	Fixing of standard rack 19" size, 6U.	3	Nos			
26	Installation, Testing and comm of 10 port GB switch.	3	Nos			
	TOTAL					
Supply & Installation (Combined)						
1	Placing of one row of country bricks of size approx 220mmx100mmx60mm breadth wise horizontally as per detail including supply of bricks.	300	mtr			Bricks will be supplied by the contractor. required.
2	Supply & Provision of normal joint using heat shrinkable jointing kit for 6 quad / pair cable normal joint along with excavation of joint pit as per detail. As per railway instructions and detail. RDSO Spec. No. 77/2012 (Rev.3), Inspection by consignee.	10	Nos			
3	Supply and Installation of 19 inch rack/ wall mountable 24 F FMS conforming to RDSO/SPN/TC- 37/2000 (rev-3) amdt-1 or latest similar to RPG make or better as per detail along with accessories like patch cords, pigtails. OTDR readings to be taken. Inspection by consignee.	6	Nos			
4	Supply and Provision of 1 " PVC Pipe/ channel and fixing on the wall and wiring of CAT 6 UTP Cable/ Telephone cable along with accessories. Inspection by consignee.	2500	mtr			
5	Supply and Fixing of dual port face plate fitted with female keystones as per detail. Inspection by consignee.	20	Nos			

6	Supply & Fixing of 20 Pair CT Box indoor with finished wooden plank as per rdso spec No. TC/18/75 for termination of cables at different locations along with required accessories and as per detail.	6	Nos			
7	Supply & Fixing of 10 Pair CT Box indoor with finished wooden plank as per spec no. TC/18/75 along with reuired accessories and as per detail including GI Pipe etc.	2	Nos			
8	Supply & Installation of joint enclosure for armoured optical fibre cable conforming to RDSO spec. RDSO/SPN/TC/68/2014 rev 1.0 with latest amendment and splicing of optic fibre cable. Testing of Fibres. Splicing is fusion. Inspection by consignee.	3	Nos			
9	Supply & Provision of Earthing and bonding system as per RDSO spec RDSO/SPN/197/2008 .Inspection by RDSO.	6	Nos			Inspection by RDSO
10	Supply & Installation of 5KVA ON LINE ups as per detail, single phase, APC/numeric/TATA/Emerson make with one hour back up time with full load with suitable AH capacity (minimum 8000Vah SMF batteries (Exide / Amararaja make) with battery stand/rack/trolley. Inspection by Consignee.	3	Nos			Need to procure from any mentioned vendors along with batteries, rack and other accessories.
11	Supply & Fixing of 32 ways U link panels (wrapping type).	12	Nos			
TOTAL						
Supply Only :						
1	Supply of permanently solid lubricated HDPE Pipes (33mm inner dia, 40mm outer dia) as per specification No. RDSO/SPN/TC/45/2013 with revision 2 or latest with accessories as per detail. Inspection by RITES.	6000	mtr			Inspection RITES.
2	Supply of RJ-45 jacks suitable for CAT-6 Cable (Each box 100 nos). Inspection by consignee.	2	Nos			
3	Supply of UTP CAT 6 Cable 500MHZ of molex or DAX or Systimax make or better. Inspection by consignee.	2440	mtr			

4	Supply of optical patch cords with FCPC/SCSC/SCPC LCPC/SCFC connectors (10 mtr long) as per RDSO spec. RDSO/SPN/TC/69/2007 Rev.0 with latest amed.	10	Nos			
5	Supply of sealed maintenance free battery of 12V 75AH as per specification of VHF, Inspection by consignee.	1	Nos			
6	Supply of suitable size VHF Set Enclosure provision with internal wiring arrangement for AC Mains inlet/outlet as per site requirement. Inspection by consignee.	1	Nos			
7	Supply of 100 pair Krone Type connectors with mounting base unit and with CT Box (Metallic) as per RDSO spec No. RDSO/SPN/TC/97/2012, Rev.1 along with required material. Inspection by consignee.	4	Nos			
TOTAL						

Grand Total

Term and Conditions :

1. GST Tax 18% will be added by puncom. 28% GST for item no 30 of Sch -11.
2. Completion period is 3 Months after award of work.
3. Payments will be on back to back basis as per Railways term and conditions.
4. GST Paid invoices are required against arranged supply items by you.
5. Release of payment from Railway of your part is under your scope of work.
6. LD / Deduction by Railway on behalf of incomplete work, misplace or any issue material not return to sto will also be claimed on back to back basis.
7. Transportation of all material is under your scope of work.
8. Read the Railway SOR (Schedule) carefully before quoting Rate.
9. During one year warranty period contractor team will attend section to resolve any technical issue and contractor will also collect faulty cards from Railway and same be returned to Railway. (Puncom will repair).
10. The items that involves Supply & Installation combined need to take care that procurement of that items (Supply part) should be as per site requirement. Puncom will pay to you on back to back basis as per railway measurement.
11. Supply items need to be procured as per railway schedule and specs from reputed vendors. Share the make and model before finalization of any item. Also take care about inspection clause.