



TRANSMISSION CORPORATION OF TELANGANA LIMITED

Website: www.tgtransco.com. CIN No. U40102TG20148SGC094248

From  
The Chief Engineer /P&MM,  
Room No.-207, B-Block,  
TGTRANSCO, Vidyut Soudha,  
Hyderabad – 500 082.

To  
M/s. Micromap Electronic Systems Pvt. Ltd.,  
215-217, 2nd Floor, Lekhraj Gold,  
Munshi Puliya, Indira Nagar,  
Lucknow – 226016(U.P.).

SAP.P.O.No 4500003345/988/CE/P&MM/SE/P&MM/DE31/F. OLTE Extension PO /

D.No.34 /25, dt.31-05-2025.

Sirs,

Sub:- P&MM – P.O.No 4500003209/860 - Supply, Installation, Testing & Commissioning of 7 Nos. SDH Optical Line Terminal Equipment and Associated Equipment - Extension Purchase Order - Issued - Reg.

Ref:- 1. Tender Specification No.TSPMM31-03/2023.

2. SAP.P.O.No. 4500003209/860–PMM/2023/CE/P&MM/SE/P&MM/DE31/  
F.No.TSPMM31-03/ 2023 / D.No.107/23, dt. 08-08-2023.

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I, acting for and on behalf of and by the order and direction of TRANSMISSION CORPORATION OF TELANGANA Limited (hereinafter called the 'TGTransco'), place an Extension Order as per the provision of the clause 2.7 of the Purchase Order in ref.(2), for Supply, Installation, Testing & Commissioning of 7 Nos. SDH Optical Line Terminal Equipment and Associated Equipment, against Purchase Order in ref.(2) with the Terms and Conditions set out in the Original Purchase Order.

### **1) SCOPE OF CONTRACT:**

This contract relates to Supply, Installation, Testing & Commissioning of 7 Nos. SDH Optical Line Terminal Equipment and Associated Equipment detailed under clause (2) below and covers design, manufacture, testing before dispatch and delivery, F.O.R. destination stores/site.

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- 2) **SCHEDULE OF MATERIALS AND PRICES:** Supply, Installation, Testing & Commissioning of 7 Nos. SDH Optical Line Terminal Equipment and Associated Equipment (inclusive of Freight, Insurance, Packing & Forwarding and GST) detailed in annexure enclosed.

Sl. No.	Description	Total Amount (in Rs.)
1	Supply, Installation, Testing & Commissioning of 7 Nos. SDH Optical Line Terminal Equipment and Associated Equipment (Details in Annexure)	<b>72,71,951.00</b>
	<b>Total Package value</b>	<b>72,71,951.00</b>
(Rupees Seventy Two Lakhs Seventy One Thousand Nine Hundred and Fifty One Only)		

- 2.1 The Prices accepted above are FIRM during the process of the contract and until the warranty period is completed.
- 2.2 The prices accepted are inclusive of Freight, Insurance, Packing & Forwarding and GST.
- 2.3 The above prices are inclusive of unloading charges at destination site/stores.
- 2.4 M/s. Micromap Electronic Systems Pvt. Ltd., is responsible for all the Taxes applicable on this contract.
- 2.5 Income Tax, other taxes if any, will only be towards the supplier's account and would be recovered from the supplier bills for arranging payment as directed by the concerned department.
- 2.6 **STATUTORY VARIATION :** Any variation up or down in statutory levy or new levies introduced after tender calling date under this specification will be to the account of TGTransco, provided in cases where delivery schedule is not adhered to by the contractor/manufacturer and there are upward variation/revision after the agreed delivered date, the contractor/manufacturer will bear the impact of such levies and if there is downward variation/revision, the TGTransco will be given credit to the effect.

In case of bought out items statutory variation shall not be applicable on that taxes and duties. For this purpose, bought out items means the material/equipment not manufactured by the bidder i.e. statutory variation will be applicable on taxes and duties involving direct transaction between bidder and TGTransco only and not for the taxes and duties between the bidder and his sub vendors.

- 3) **DELIVERY:** Delivery of the equipment shall be completed within SIX (6) months from the date of issue of this Purchase Order and Erection & Commissioning of the equipment shall be completed within ONE month from the date of supply/readiness of sites.

4) **PERFORMANCE SECURITY:**

- 4.1 The supplier shall furnish to the purchaser the performance security in the name of The Chief Engineer/P&MM, TGTransco, Vidyut Soudha, Hyderabad-82, for an amount equal to 3% of the total contract value i.e. for an amount of **Rs. 2,18,159.00** for proper fulfillment of the contract, shall include the warranty period and completion of performance obligations including warranty obligations. The performance security shall cover 60 days beyond the date of completion of performance obligations including warranty obligations.
- 4.2 The performance security shall be executed in accordance with the clause (6) and clause (38) GTC of Tender Specification shall be furnished on a stamp paper of value Rs.100/-. The B.G shall be extended if required suitably, in accordance with the provisions of Clause (38) of specification.
- 4.3 In the event of any correction of defects or replacement of defective material during the warranty period, the warranty for the corrected / replaced material shall have to be extended to a further period of 12 months and the Performance Bank Guarantee for proportionate value shall have to be extended 60 days over and above the extended warranty period.

The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to fulfill its obligations under the Contract.

5) **TERMS OF PAYMENT:-**

- i) A. Payment terms are indicated below for the items of Sl.No.I (Material) in Annexure (Schedule of Prices)
- a. **80%** payment towards equipment cost will be arranged within 45 days after the material/equipment is supplied in full shape subject to delivery schedule of work (Section-IV) on receipt of material / equipment in good condition.

***Whether the materials are delivered in stores or at site, the vendor shall submit the invoices along with relevant delivery documents as indicated below to the concerned Superintending Engineer/Telecom Zone duly enclosing the form-13 issued by the check measuring officers.***

- i) Form 13
  - ii) Contractor's detailed invoice
  - iii) Detailed Delivery Challan Acknowledged by Consignee
  - iv) Manufacturer's/Supplier's Warranty Certificates
  - v) Approved Test Certificates
  - vi) Copy of Insurance Policy Certificate
  - vii) Copy of Acceptance Letter of Performance Security issued by Purchaser
- b. 10% payment towards equipment cost will be made after erection of equipment/ material on pro-rata basis ***by the concerned Superintending Engineer / Telecom/ Zone where the initial 80% payment was already processed.***
- c. Balance 10% payment towards equipment cost will be made along with total erection & commissioning charges after commissioning of material / equipment duly certified by the concerned Divisional Engineer/Telecom on pro-rata basis ***by the concerned Superintending Engineer/Telecom/Zone where the initial 80% payment was already processed.***
- d. 100% Payment towards erection and commissioning will also be made by concerned Superintending Engineer/Telecom/Zone, against submission of invoices.
- e. The vendor shall submit the invoices separately for the PFC funded and Non-PFC funded items of the Telecom equipment against relevant scheme codes.

B. (i) Payment terms are indicated below for the items of Sl.No.II ( Mandatory Spares) in Annexure (Schedule of Prices) for which Erection & Commissioning is not applicable.

Sl.No.	Supply of the following Material / Equipment	Serial number in Annexure (Schedule of Prices)
II	Mandatory Spares for communication equipment	Sl.No.II. (5, 6( i, ii & iii) & 7( i & ii)

**100%** payment will be arranged within 45 days for the material/equipment supplied in complete shape subject to their delivery as per the schedule of work and on receipt of material / equipment in good condition at the destination / stores i.e., check measurement date in Form-13. The supplier shall have to predefine the Bank Account details after receipt of LOI and before entering into contract for electronic transfer of payment.

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- ii) The Supplier Bank Particulars are as detailed below for RTGS payment (Real Time Gross Settlement).

1	Vendor Name	M/s. Micromap Electronic Systems Pvt. Ltd.
2	Complete Address	M/s. Micromap Electronic Systems Pvt. Ltd., 215-217, 2nd Floor, Lekhraj Gold, Munshi Puliya, Indira Nagar Lucknow – 226016 (U.P.).
3	Name of the Bank	Canara Bank
4	Branch Address	C362, Aravali Marg, Indira Nagar, Lucknow, Uttar Pradesh - 226016
5	Branch Code	18482
6	City	Lucknow
7	Account No.	84821400000048
8	MICR Code	226015058
9	IFSC No.	CNRB0018482
10	Income Tax PAN No.	AAGCM3288H
11	GST Registration No	09AAGCM3288H1Z4

- iii) The Bank details as above are final and shall not be revoked under any circumstances. The Bank Charges if any will be made to the account of M/s. Micromap Electronic Systems Pvt. Ltd. and will be recovered from the bill amount per each disbursement on LOA raised by unit officers.

No interest will be payable in case the payment is delayed for whatever reason.

The Banker charges involved if any in establishing and operating the Cheque / Bills shall be to your account.

- iv) If the supplier has received any over-payments by mistake or if any amounts are due to the TGTransco due to any other reason, when it is not possible to recover such amounts under this contract, the TGTransco reserves the right to collect the same from any other amounts and / or Bank guarantees given by you due to or with the TGTransco.
- v) The supplier should invariably submit Inspection/test certificates and other documents that the purchaser specifies, before dispatch is made so that they can be checked and approved well before it is dispatched and due for payment.
- vi) When the supplier does not at any time, fulfill his obligations in replacing / rectifying etc. of the damaged / defective materials in part or whole, promptly to the satisfaction of the TGTransco Officers, the TGTransco reserves the right not to accept the bills against subsequent dispatches made by the supplier and only the supplier will be responsible for any demurrages, wharf ages or damage occurring to the consignments so dispatched.

- 6) **CURRENCY OF PAYMENT:** All payments will be made in non-convertible Indian Rupees.
- 7) **GUARANTEED TECHNIAL PARTICULARS:** The Guaranteed Technical Particulars for SDH etc., already approved vide Lr.No. CE(P&MM)/ SE(P&MM) / DE31 / PO.No.4500003209/860/D.No.172/23, Dt.06-11-2023 and Lr.No.CE(P&MM)/ SE(P&MM) /DE31 / PO.No.4500003209 /860/ D.No. 196/23, Dt.04-12-2023 and Internal Wiring diagram, DRS of Equipment Rack approved vide Lr.No.CE(P&MM) / SE(P&MM) / DE31 / PO.No.4500003209/860 / D.No. 236/23, Dt.17-01-2024 against the Purchase Order cited (2) holds good for this Purchase Order also.
- 8) **ACKNOWLEDGEMENT:** Please acknowledge this order soon on its receipt by returning the extra copy of the order enclosed, duly signing it with date in token of acceptance.
- 9) All other Terms and conditions remain the same as mentioned in Original Purchase Order.

Yours faithfully,

Sd/-

Encl: Annexure

Chief Engineer/P&MM  
(Acting for and on behalf of TGTRANSCO)

"WE ACCEPT THE TERMS AND CONDITIONS STIPULATED IN THIS P.O."

Signature of the Contractor with seal and date

Copy to:

The FA&CCA/Accounts/TGTransco/Vidyut Soudha/Hyderabad.

The Chief Engineer/Telecom/ TGTransco / Vidyuth Soudha/Hyderabad.

The Superintending Engineer/Telecom/Rural/ TGTransco / GTS Colony/ Erragadda/Hyderabad

The Superintending Engineer/Telecom/ TGTransco / 220KV SS/ Mulugu Road / Warangal

The Superintending Engineer/Telecom/ TGTransco /132/33KVSS Opp. to Court, Jagityala road, Karimnagar-505 001.

The SE/OMC/Metro-Central/TGTransco, 132 kV GIS NIMS, Erramunzil, Hyderabad

The Pay Officer/TGTransco /Vidyut Soudha/ Hyderabad

The SAO/ Pay & Accounts/ TGTransco /Vidyut Soudha/Hyderabad.

The SAO, O/o. SE/OMC/Metro-Central/Hyderabad

The Divisional Engineer/Telecom/220KVSS/Mulugu Road/Warangal---(Through e-mail)

The Divisional Engineer/Telecom/132KVSS/Khammam---(Through e-mail)

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The Divisional Engineer/ Telecom/ 132KVSS /Adilabad---(Through e-mail)  
The Divisional Engineer/ Telecom/ 132KVSS Nalgonda --- (Through e-mail)  
The Asst. Divisional Engineers/ Telecom/132KVSS/Khammam---(Through e-mail)  
The Asst. Divisional Engineer/ Telecom/ 132KVSS /Adilabad---(Through e-mail)  
The Asst. Divisional Engineer/ Telecom/ 132KVSS /Nalgonda --- (Through e-mail)  
The Asst. Divisional Engineer/ Telecom/ 220KVSS /Bhongiri---(Through e-mail)  
AAO/JAO, O/o. Superintending Engineers/Telecom --- (Through e-mail)

## Annexure (Schedule of Prices)

Name of the Work: Supply, Installation, Testing & Commissioning of 7 Nos. SDH Optical Line  
Terminal Equipment and Associated Equipment

S.No	Item Description	UoM	Total Qty	Unit Price Rs.	Total Price Rs.
<b>I</b>	<b>Material</b>				
<b>1</b>	<b>SDH Equipment (STM-4 MADM upto 3/5 MSP protected directions) as per detailed BOQ</b>				
i	Base Equipment for 3 directions (Common cards, Cross connect/control cards, Optical base card, Power supply cards, power cabling, other hardware & accessories including sub-racks, patch cords, DDF etc. fully equipped excluding (2)&(3) below)	No.	7	349,890.00	2,449,230.00
<b>2</b>	<b>Optical cards</b>				-
i	S4.1 SFPs for OLTEs	No.	12	1,200.00	14,400.00
ii	L4.1 SFPs for OLTEs	No.	10	1,800.00	18,000.00
iii	L4.2 SFPs for OLTEs	No.	20	2,160.00	43,200.00
<b>3</b>	<b>Tributary Cards</b>				-
i	E1 interface card (Min. 16 interfaces per card)	No.	14	33,600.00	470,400.00
ii	Ethernet interfaces 10/100 Mbps with Layer-2 switching (Min.8 interfaces per card)	No.	14	73,200.00	1,024,800.00
<b>4</b>	<b>Equipment Cabinets</b>				-
i	For SDH Equipment Drop/Insert MUX Equipments and DACS Equipment	No.	7	59,400.00	415,800.00
<b>II</b>	<b>Mandatory Spares for communication equipment</b>				-
	<b>SDH Equipment(STM-4 MADM upto 3 MSP protected directions)</b>				-
<b>5</b>	Common cards, Cross connect/control cards, Optical base card, Power supply cards, power cabling, other hardware & accessories (each)	No.	4	288,000.00	1,152,000.00
<b>6</b>	<b>Optical cards</b>				-
i	S 4.1	No.	2	1,200.00	2,400.00
ii	L 4.1	No.	2	1,800.00	3,600.00
iii	L 4.2	No.	4	2,160.00	8,640.00
<b>7</b>	<b>Tributary cards</b>				-
i	E1 interface card (Min. 16 interfaces per card)	No.	4	33,600.00	134,400.00
ii	Ethernet interfaces 10/100 Mbps with Layer-2 switching (Min.8 interfaces per card)	No.	4	73,200.00	292,800.00
	Total Material:				6,029,670.00
	GST@18%				1,085,340.60
	<b>Total for Material with GST</b>				<b>7,115,010.60</b>

S.No	Item Description	UoM	Total Qty	Unit Price Rs.	Total Price Rs.
<b>III</b>	<b>Erection, Testing &amp; Commissioning</b>				-
	SDH Equipment(STM-4 MADM upto 3/5 MSP protected directions)				-
7	Erection of Base Equipment 3/5 (Common cards, Cross connect/control cards, Optical base card, Optical cards, Tributary cards, Power supply cards, power cabling, other hardware & accessories including sub-racks, patch cords, DDF etc. fully equipped	No.	7	15,000.00	105,000.00
8	Erection of Equipment Cabinets for SDH Equipment	No.	7	4,000.00	28,000.00
	Total Erection, Testing & Commissioning:				133,000.00
	<u>GST@18%</u>				23,940.00
	<b>Total for Erection, Testing &amp; Commissioning with GST:</b>				<b>156,940.00</b>
	<b>Total for Material, Erection, Testing &amp; Commissioning with GST:</b>				<b>7,271,950.60</b>
	<b>Or Say:</b>				<b>7,271,951.00</b>

(Rupees Seventy Two Lakhs Seventy One Thousand Nine Hundred and Fifty One only)

sd/-  
Chief Engineer/P&MM