



**ODISHA POWER TRANSMISSION CORPORATION LIMITED
OFFICE OF THE DEPUTY GENERAL MANAGER
TELECOMMUNICATION DIVISION, BHUBANESWAR
AT – SLDC BUILDING, NEAR 132/33 KV S/S, MANCHESWAR
P.O: MANCHESWAR RAILWAY COLONY, BHUBANESWAR,
DIST:- KHURDA, ODISHA, PIN- 751017
CIN – U401020R2004SGC007553
GST NO.-21AAACO7873L1Z6
E-mail – telc.div.bbs@optcl.co.in , Contact no.: 9438907466**

TENDER SPECIFICATION FOR TENDER CALL NOTICE No. 02/2023-24

For

**“SUPPLY & COMMISSIONING OF 09 NOs OF GPRS MODEM (ROUBUSTEL) & ROUTERS
(MICROTIK) FOR INTEGRATION OF NEW RTUs/SAS ”**

**Cost of tender paper = Rs. 2000/- +18% GST= Rs. 2360/-
(Rupees Two Thousand Three Hundred Sixty only)**

ISSUED TO :-



ODISHA POWER TRANSMISSION CORPORATION LIMITED
(A Government of Odisha Undertaking)
OFFICE OF THE DEPUTY GENERAL MANAGER
TELECOMMUNICATION DIVISION, BHUBANESWAR
AT – SLDC BUILDING, NEAR 132/33 KV S/S, MANCHESWAR
P.O.: MANCHESWAR RAILWAY COLONY, BHUBANESWAR,
DIST:- KHURDA, ODISHA, PIN- 751017
E-mail : telc.div.bbs@optcl.co.in , Contact no : 9438907466

NOTICE INVITING TENDER

Advt. No. 02/2023-24

Sealed tenders are invited by the undersigned from the Registered Contractors having valid License with I.T. PAN, GST Registration No. etc for **“SUPPLY & COMMISSIONING OF 09 NOs OF GPRS MODEM (ROUBUSTEL) & ROURTERS (MICROTIK) FOR INTEGRATION OF NEW RTUs/SAS ”**

Cost of Tender Paper: **Rs : 2360/- (including GST)**
EMD: **1% of the Estimated Cost**
Sale of Tender documents: **From Dt.26.02.2024 to 07.03.2024 (11:00 A.M. to 5:30 P.M.).**
Last date of submission of tender: **Dt. 11.03.2024 up to 1.00 PM.**
Date of opening of tender: **Dt. 11.03.2024 at 4.00 PM**

For details please visit our web site: www.optcl.co.in

Corrigendum if any will be published in the web site only.

**General Manager,
Telecommunication Division,
Bhubaneswar.**

**TENDER SPECIFICATION FOR TENDER CALL NOTICE No. 02/2023-24
OF TELECOMMUNICATION DIVISION, BHUBANESWAR-17**

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3.	SECTION – III	List of Annexures
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5.	Annexure-II	Detail data sheet to be furnished by the tenderer.
6.	COST OF TENDER PAPER	Rs.2360/- (Rupees Two Thousand Three Hundred Sixty only) including GST (18%) by Cash/ Bank Draft drawn in favour of GM, Telecommunication Division, OPTCL, Bhubaneswar payable at Bhubaneswar, Odisha. (Non-refundable)
7.	E.M.D	1 % of the total estimated cost in shape of bank draft drawn in favour of GM, Telecommunication Division, OPTCL, Bhubaneswar , payable at Bhubaneswar, Odisha.
8.	SALE OF TENDER PAPER	From Dt.26.02.2024 to Dt.07.03.2024 (11:00 A.M. to 5:30 P.M.). on working days only available in the office of the Deputy General Manager, Telecommunication Division, OPTCL, Bhubaneswar and online also.
9.	LAST DATE OF RECEIPT OF TENDER PAPER	Dt.11.03.2024 up to 1.00 PM.
10.	DATE & TIME OF OPENING OF TENDER	Dt.11.03.2024 at 4.00 PM.
11.	Tender posted by the registered post at:	OFFICE OF DEPUTY GENERAL MANAGER, TELECOMMUNICATION DIVISION,OPTCL, BHUBANESWAR, AT – SLDC BUILDING, NEAR 132/33 KV S/S, MANCHESWAR, P.O.- MANCHESWAR RAILWAY COLONY, BHUBANESWAR, DIST:- KHURDA, ODISHA, PIN- 751017

SECTION - I

(INSTRUCTION TO TENDERERS)

1. Sealed tenders in duplicate duly super scribed as “**TENDER AGAINST TENDER CALL NOTICE No. 02/2023-24** are invited from registered service providers / contractors for the work “**SUPPLY & COMMISSIONING OF 09 NOS OF GPRS MODEM (ROUBUSTEL) & ROURTERS (MICROTIK) FOR INTEGRATION OF NEW RTUs/SAS** ” as per the technical specification enclosed which should be received in this office on or before **1.00 P.M. Dt.11.03.2024** and the same shall be opened on dt.**11.03.2024** at **4:00 PM** in presence of the tenderers or their authorized agents. Tenders received after **1.00 P.M** on Dt. **11.03.2024** will not be accepted since the tender box will be closed at 1.00 P.M. The bidders must possess valid GST No. & PAN.
2. Tenders shall be submitted in duplicate signed in each page by the authorized signatory in a sealed cover envelope addressed to the **DEPUTY GENERAL MANAGER, TELECOM. DIVISION, OPTCL, BHUBANESWAR, AT–SLDC BUILDING, NEAR 132/33 KV S/S, MANCHESWAR, P.O.- MANCHESWAR RAILWAY COLONY, BHUBANESWAR, DIST:- KHURDA, ODISHA, PIN- 751017.** All documents submitted along with the tender must be signed and certified by the authorized signatory of the bidder.
3. No telegraphic tenders / forwarding by FAX will be accepted.
4. This office will not be responsible for non-receipt/late receipt of the tender documents due to postal delay.
5. The tenders shall be furnished strictly as per the terms and conditions of the tender specification. Incomplete tenders will be rejected.
6. The Authority may alter the quantum of work at the time of placing orders.
7. Only those, who have purchased the tender specification from this office by their name/Firm's name, can submit their tender. Tenders submitted by others will be rejected.
8. Tenders will be submitted in person/by registered post with A.D. Tenders submitted by any other means shall not be accepted. Postal delay shall not be considered. Tenders received after due date and time shall be returned un-opened.
9. (i) The tender shall be accompanied with earnest money 1 % of the total estimate cost in shape of Bank draft drawn in favour of **General Manager, Telecommunication Division, OPTCL, Bhubaneswar payable at Bhubaneswar Odisha**, without which their tender shall be rejected. Cheques will not be accepted.

(ii) No interest shall be paid on E.M.D and shall be returned to the bidder after finalization of the tender & award of W.O to the successful tenderer.
10. The Authority reserves the right to reject the lowest or any other tender or all tender without assigning any reason what-so-ever.
11. Offers should be neatly typed without any overwriting and corrections. In case of any correction, the same should be authenticated with signature of the authorized person.

12. In the event of discrepancy or arithmetical error in the bid, the decision of the purchaser shall be final and binding on the tenderer.
13. For evaluation, the price mentioned in words shall be taken in to account, if there is any difference in figure and words in the price bid.
14. Conditional tender shall not be accepted and no discount other than the quoted price will be allowed as mentioned in the original offer.
15. The tenderers are advised to visit the site and make themselves acquainted with the site conditions before submission of tender.
16. Tenders shall be kept valid for a maximum period of 180 days from the date of opening of tender.

**General Manager
Telecom Division, BBSR**

SECTION-II

GENERAL CONDITIONS OF CONTRACT & TECHNICAL SPECIFICATION (GTCC)

1. Scope of the contract:

The scope of the contract shall be to supply & commissioning of 09 nos of GPRS Modem (Roubustel) & Routers (Microtik) as per the Specification of Telecom Division, OPTCL, and Bhubaneswar.

2.0 Definition of Terms

For the purpose of this Specification and General Terms & Conditions of Contract (G.T.C.C.) the following words shall have the meanings hereby indicated, except where otherwise described or defined.

- 2.1 "The Purchaser" shall mean the General Manager (Telecom.) for & on behalf of Telecom Division, OPTCL, Bhubaneswar.
- 2.2 "The Engineer" shall mean the engineer appointed by the Purchaser for the purpose of this contract.
- 2.2 "Purchaser's Representative" shall mean any person or persons or consulting firm appointed and remunerated by the Purchaser to supervise, inspect, test and examine workmanship and materials of the equipment to be supplied.
- 2.3 "The Contractor" shall mean the Bidder whose bid has been accepted by the Purchaser and shall include the Bidders' executives, Administrators, Successors and permitted assignees.
- 2.4 "Equipment" shall mean and include all machinery, apparatus, Materials, articles to be provided under the contract by the Contractor.
- 2.5 "Contract Price" shall mean the sum named in or calculated in accordance with the provisions of the contract as the "Contract Price" which shall include packing, forwarding, freight, insurance, GST as applicable at the time of opening of bids.
- 2.6 "General Conditions" shall mean these General Terms and Conditions of Contract.
- 2.7 "The Specification" shall mean the Specification annexed to or issued with G.T.C.C. and shall include the schedules & drawings attached thereto as well as all samples and pattern, if any.
- 2.8 "Month" shall mean "Calendar month".
- 2.9 "Writing" shall include any manuscript, type written, printed or other statement re-production in any visible form and whether under seal or under hand.
- 2.10 "F.O.R. Destination Costs" shall mean the cost of equipment and material at the consignee's stores. The cost is exclusive GST, but is inclusive of packing, forwarding and insurance and freight charges.
- 2.11 The term "Contract documents" shall mean and include G.T.C.C., Specifications, Schedules, Drawings, Form of Tender, Covering Letter, Schedule of Price of the final successful bidder any

special conditions applicable to the particular contract, Specifications and drawings and the purchase order & the agreement to be entered into.

2.12 Terms and Conditions not herein defined shall have the same meaning as are assigned to them in the Indian Contract Act, failing that, in the Odisha General Clauses Act.

3. **Manner of Execution**

All equipment supplied under the contract shall be manufactured in the manner set out in the Specification or where not set out, to the reasonable satisfaction of the Purchaser's representative.

4. **Rejection of Materials**

In the event any of the materials/equipment supplied by the Contractor is found defective due to faulty design, bad workmanship, bad materials used or otherwise not in conformity with the requirements of the Specification, the Purchaser shall either reject the materials/equipment or ask the Contractor in writing to rectify the same. The Contractor on receipt of such notification shall either rectify or replace the defective equipment free of cost of the Purchaser. If the Contractor fails to do so, the Purchaser may:-

- (a) As its option, replace or rectify such defective equipment and recover the extra costs so involved from the Contractor plus fifteen percent and /or.
- (b) Terminate the contract for balance work/supplies, with enforcement of penalty Clause as per contract for the un-delivered goods and with forfeiture of performance Guarantee/Composite Bank Guarantee.
- (c) Acquire the defective equipment/materials at reduced price, considered equitable under the circumstances.

5. **Language and Measures**

All documents pertaining to the contract including Specifications, Schedule, Notices, Correspondence, Operating & Maintenance instructions, Drawings or any other writing shall be written in English language. The metric system of measurement shall be used exclusively in this contract.

6. **Deviation from Specification**

It is in the interest of the Tenderers to study the Specification specified in the tender schedule thoroughly before tendering so that, if any deviations are made by the Tenderers, the same are prominently brought out on a separate sheet under heading "Deviations".

A list of deviation shall be enclosed with the Tender. Unless deviation in scope, technical and commercial stipulations are specifically mentioned in the list of deviations, it shall be presumed that the **Tenderer has accepted all the conditions stipulated in the tender Specification, notwithstanding any exemptions mentioned therein.**

7. **Right to Reject/Accept Any Tender**

The Purchaser reserves the right either to reject or to accept any or all tenders if the situation so warrants in the interest of the Purchaser. Orders may also be split up between different Tenderers on

individual merits of the Tenderer. The Purchaser has exclusive right to alter the quantities of materials at the time of placing final Purchase order. After placing of the order, the Purchaser may defer the delivery of the materials. It may be clearly understood by the Tenderer that the Purchaser need not, assign any reason for the above action(s).

8. Contractor to inform himself fully

The Contractor shall examine the instructions to Tenderers, General Conditions of contract, Specification and the Schedules of Quantity and delivery to satisfy himself as to all terms and conditions and circumstances affecting the contract price. He shall quote price(s) according to his own views on these matters and understand that additional allowances except as otherwise provided therein will be levied. The Purchaser shall not be responsible for any misunderstanding or incorrect information obtaining by the Contractor other than the information given to the Contractor in writing by the Purchaser.

9. Patent Rights Etc.

The Contractor shall indemnify the Purchaser against all claims, actions, suits and proceedings for the infringement or alleged infringement of any patent design or copy right protected either in the country of origin or in India by the use of any equipment/ materials supplied by the Contractor. But such indemnity shall not cover any use of the equipment, other than for the purpose indicated by or reasonably to be inferred from the Specification.

10. Delivery

- (a) Time being essence of the contract, the equipment shall be supplied within the delivery date specified in the contract. The Purchaser, however, reserves the right to reschedule the delivery if required. The delivery period shall be reckoned from the date of placing the Letter or Intent/Purchase order as may be specified in the LOI/Purchase order.
- (b) The desired delivery period shall not ordinarily exceed more than one month.
- (c) The installation & commissioning of the above GPRS are to be completed within 30days from the date of supply.

11. Dispatch instructions.

- (i) The materials should be securely packed and dispatched directly to the consignee at the Contractor's risk.

(ii) **Loading & Unloading of Ordered Materials.**

It will be the sole responsibility of the Contractor for loading and unloading & stacking of materials both at the factory site and at the destination store. The Purchaser shall have no responsibility on this account.

12. Contractor's Default Liability.

- (i) The Purchaser may, upon written notice of default to the Contractor, terminate the contract in circumstances detailed hereunder.
 - (a) If in the judgment of the Purchaser, the Contractor fails to make delivery of equipment within the time specified in the contract or within the period for which extension has been granted by the Purchaser in writing in response to written request of the Contractor.
 - (b) If in the judgment of the Purchaser, the Contractor fails to comply with any of the provisions of this contract.
- ii) In the event Purchaser terminates the contract in whole or in part as provided in Clause-15(i) of this section, the Purchaser reserves the right to purchase upon such terms and in such a manner as he may deem appropriate equipment/ material similar to those terminated and the Contractor will be liable to the Purchaser for any additional costs for such similar equipment and/or for penalty for delay as defined in Clause-23 of this section until such reasonable time as may be required for the final supply of equipment.
- iii) In the event the Purchase does not terminate the contract as provided in Clause 15(i) of this Section, Contractor shall continue executing the contract, in which case he shall be liable to the Purchaser for penalty for delay as set out in Clause-23 of this Section until the equipment is accepted. This shall be based only on written request of the supplier and written willingness of Purchaser.

13. Force Majeure:

The Contractor shall not be liable for any penalty for delay or for failure to perform the contract for reasons of force majeure such as acts of God, acts of the public enemy, acts of Govt., Fires, Floods, Epidemics, Quarantine restrictions, strikes, Freight Embargo, provided that the Contractor shall within ten (10) days from the beginning of such delay notify the Purchaser in writing of the cause of delay, upon which, the Purchaser shall verify the facts and grant such extension as facts justify.

14. Extension of Time.

If the delivery of equipment/materials is delayed due to reasons beyond the control of the Contractor, the Contractor shall without delay give notice to the Purchaser in writing of his claim for an extension of time. The Purchaser on receipt of such notice may agree to extend the contract delivery date as may be reasonable but without prejudice to other terms and conditions of the contract.

15. Guarantee Period.

- i) The equipment covered by this specification should be guaranteed for satisfactory operation and against defects in design, materials and workmanship for a period of at least 12 (twelve) months from the last date of commissioning or 18 months from the date of delivery whichever is earlier. The above Guarantee Certificate shall be furnished in triplicate to the purchaser for

his approval. Any defect noticed during this period due to faulty design, bad workmanship or bad materials used should be rectified by the Contractor free of cost upon written notice from the Purchaser.

- ii) Equipment/material failed or found defective during Guarantee period shall have to be guaranteed after repair/replacement for a further period of 12 months from the date of commissioning or 18 months from the date of receipt at the Stores after such repair/replacement whichever is earlier.

Date of delivery as used in this Clause shall mean the date on which the materials are received at SLDC, Mancheswar, Bhubaneswar in good condition.

16. Bank Guarantee towards Security Deposit, 100% Payment and performance Guarantee.

A Composite Bank Guarantee as per the proforma enclosed at Annexure-VII of the specification for 10%(Ten percent) of the total cost of the purchase order, shall be furnished from any Nationalized/ Scheduled Bank having a place of business at Bhubaneswar, to the office of Sr. General Manager, SLDC, OPTCL within 15(Fifteen) days of issue of purchase order. The Bank Guarantee shall be executed on non-judicial stamp paper worth of Rs.29/- or as applicable, as per the prevalent rules, valid for a period of 2(two) months more than the guarantee period mentioned at clause-18 for scrutiny and acceptance, failing which the supply order will be liable for cancellation without any further written notice. The said Bank Guarantee should be accompanied or followed by a confirmation letter from the concerned Bank, & should have provision for encashment at BBSR, before the bank Guarantee is accepted & all concerned intimated. The BG should be revalidated as & when intimated to the successful bidder to cover the entire guarantee period.

- i) No interest is payable on any kind of Bank Guarantee.
- ii) In case of non-fulfillment of contractual obligation as required in the detailed purchase order/specification, the composite Bank Guarantee/Permanent Registration Fee shall be forfeited.
- iii) The Composite/Performance Bank guarantee amount on the full order value shall be deducted from the first claim of the supplies made in cases where no Composite Bank Guarantee/Performance Bank Guarantee is furnished.

17. Import License

In case imported materials are offered no assistance will be given for release of foreign Exchange. The firm should arrange to import materials from their own quota. Equipment of indigenous origin will be preferred.

18. Terms of Payment.

- i) **PAYING AUTHORITY:** GM (TC.), Telecom Division, OPTCL ,BBSR
- ii) **CONSIGNEE:** DGM, SLDC, Telecom Division, OPTCL, BBSR.
- iii) **VERIFYING OFFICER:** AGM, TC, Sub-LDC, OPTCL, BBSR will be the Verifying Officer.
- iv) **90%** of the contract price including GST will be paid on receipt of materials in good condition and after installation & commissioning of the supplied materials in desired location and verification thereof, subject to furnishing and approval of guarantee certificate by the Purchaser. Balance 10% of the total contract price shall be paid after completion of guarantee period successfully and taking over certificate by the consignee. In case of non-fulfillment of contractual obligation, as required in the detailed purchase order / Specification, the retention amount shall be forfeited.

19. Price Reduction Schedule for Delay in Completion of Contract.

(i) If the Contractor fails to deliver the materials/equipment within the delivery schedule specified in the contract including delivery time extension, if any, granted thereto, the Purchaser shall recover from the Contractor penalty for a sum of one half of one percent (0.5 per cent) of the Ex-works price of the undelivered equipment for each calendar week of delay or any part thereof. For this purpose the date of receipted challans shall be reckoned as the date of delivery. The total amount of penalty shall not exceed five per cent (5%) of the Ex-works price of the unit or units so delayed. Equipment will be deemed to have been delivered only when all its components, parts are also delivered. If certain components are not delivered in time, the equipment will be considered as delayed until such time as the missing parts are delivered.

(ii) If the contractor fails to rectify/ replace the equipment/materials within 30days from the date of intimation of the fact, so noticed by the purchaser within the guarantee period then the penalty for sum of one half of the one percent (0.5%) of the total purchase order amount for each calendar week of delay shall be recovered by the purchaser within the guarantee period. For this purpose, penalty date will be counted from the 30th day from the date of issue of letter on defectiveness of equipment/materials, so supplied by the purchaser. The total amount of penalty in this case shall not exceed 5% (Ten percent) at the purchase order amount. If the defects so intimated is not rectified by the suppliers within the guarantee period then whole of the BG will be forfeited by the purchaser, without any intimation to the supplier.

20. Insurance

The Contractor at his cost shall arrange, secure and maintain all insurance as may be pertinent to the works and obligatory in terms of law to protect his interest and interests of the employer, against all perils detailed herein. The form and the limit of such insurance as defined herein together with the under-writer in each case shall be acceptable to the employer. However irrespective of such acceptance the responsibility to maintain adequate insurance coverage at all time during the period of Contract. Shall be of the contractor alone. The contractor's failure in this regard shall not relieve him of any of this contractual

responsibilities and obligations. The Insurance covers to be taken by the Contractor shall be in the joint name of the Employer and the Contractor. The Contractor shall, however, be authorized to deal directly with Insurance Company or Companies and shall be responsible in regard to maintenance of all insurance covers. Further the insurance should be in freely convertible currency. Any loss or damage to the equipment during handling, transportation, storage erection, putting into satisfactory operation and all activities to be performed till the successful completion of commissioning of the equipment shall be to the account of the Contractor.

21. Payment Due from the Contractor.

All costs and damages, for which the Contractor is liable to the Purchaser, will be deducted by the Purchaser from any money due to the Contractor under any of the Contract(s).

22. GST, Balance Sheet and Profit & Loss Account.

- (i) Sales Tax clearance certificates valid up to the date of opening of Tender, should be enclosed with tender.
- (ii) Balance sheet and profit and loss account of the bidder duly certified by the Chartered Accountant for the previous 3 years should be enclosed to assess the financial soundness.

23. Contractor's Responsibility.

Notwithstanding anything mentioned in the Specification or subsequent approval or acceptance by the Purchaser, the ultimate responsibility for design, materials used and satisfactory performance shall rest with the Tenderers.

24. Validity.

Prices and conditions contained in the offer should be kept valid for a period of 180 days from the date of opening of the tender, failing which, the tender shall be rejected.

- (a) In comparing bids and in making awards, the Purchaser may consider such factors as compliance with Specification, relative quality & adaptability of supplies or services, experience, financial soundness, record of integrity in dealings, performance of materials/equipment earlier supplied, ability to furnish repairs and maintenance services, the time of delivery, capability to perform including available facilities such as adequate shops, plants, equipment and technical organization.

25. Jurisdiction of the High Court of Odisha.

Suits, if any, arising out of this contract shall be filed by either party in a Court of Law to which the jurisdiction of High Court of Odisha extends.

26. Correspondences.

- i) Any notice to the Contractor under the terms of the contract shall be served by Registered Post or by hand at the Contractor's Principal Place of Business.
- ii) Any notice to the Purchaser shall be served at the Purchaser's Principal office in the same manner.

27. Official Address of the Parties to the Contract.

The address of the parties to the contract shall be specified:

(i) **Purchaser:**

OFFICE OF DEPUTY GENERAL MANAGER, TELECOMMUNICATION DIVISION, OPTCL, BHUBANESWAR, AT – SLDC BUILDING, NEAR 132/33 KV S/S, MANCHESWAR, P.O.- MANCHESWAR RAILWAY COLONY, BHUBANESWAR, DIST:- KHURDA, ODISHA, PIN- 751017

(ii) **Supplier:**

Address:

Telephone No.

FAX No.

28. Outright Rejection of Tenders.

Tenders shall be outright rejected if they are not complying with the following requirements:

- i) Tenders shall be submitted in person or by **Registered Post with A.D.**
- ii) Tenders shall not be submitted telegraphically or by FAX.
- iii) Tenders shall be accompanied by the prescribed Earnest Money Deposit unless otherwise qualified for exemption from furnishing of EMD.
- iv) Tender shall be kept valid for a period of 180 days from the date of opening of Tender.
- v) Tender shall be submitted in one part as specified.
- vii) The schedule of prices should be filled up fully to indicate the break-up of the prices including taxes and duties. Incomplete submission of this schedule will make the tender liable for rejection.
- viii) Tenderer should quote FIRM price and the price should be kept valid for a period of 180 days from the date of opening of the tender.

29. Documents to be treated as Confidential.

The Contractor shall treat the details of the Specification and other Tender documents as private and confidential and they shall not be reproduced without written authorization from the Purchaser.

30. Scheme/Projects.

The materials/equipment covered in this Specification shall come under capital works of Telecom Division, OPTCL, BBSR.

SECTION - III

(LIST OF ANNEXURES)

The following Schedules and proforma are annexed to this Specification and contained in Section - III as referred to in the relevant Clauses.

i)	Price Schedule	ANNEXURE-I
ii)	Abstract of Terms & Conditions to accompany Section – II of Part – I	ANNEXURE-II
iii)	Declaration form	ANNEXURE-III
iv)	Abstract of General Terms and Conditions of Contract [Commercial]	ANNEXURE-IV
v)	Abstract of Price Component [To accompany price bid]	ANNEXURE-V
vi)	Schedule of prices (Supply, Installation & Commissioning)	ANNEXURE-VI
vii)	Earnest Money Deposit furnishable by Tenderers	ANNEXURE-VII
viii)	Schedule of Installation	ANNEXURE-VIII
ix)	Check list for delivery & commissioning Schedule	ANNEXURE-IX
x)	Deviation schedule	ANNEXURE-X

ANNEXURE-I

PRICE SCHEDULE

SI No.	Work Description	Unit	Qty
1	GPRS MODEM (ROUBUSTEL) & ROURTERS (MICROTIK)	Nos.	09

Date:

Signature of the Bidder Authorized Signatory

N.B.

- 1.The price should be inclusive of all taxes & duties including transporting charges except Service Tax applicable on installation charges
2. Conditional offers will not be acceptable.
3. The Bidders are to clearly, indicate the period up to which the Tax Holidays are available to them.

ABSTRACT OF TERMS & CONDITIONS (ANNEXURE-II)
(To be furnished by the Tenderer)

Name of the work: - “for **SUPPLY & COMMISSIONING OF 09 NOS OF GPRS MODEM (ROUBUSTEL) & ROURTERS (MICROTIK) FOR INTEGRATION OF NEW RTUs/SAS** “.

1. Name of the Contractor & address :-
2. Earnest Money deposited in shape of .DD
vide Draft No. _____ Dt. _____ Amount
(Rupees _____) only.
3. Attested copy of GST Registration certificate :- Furnished/Not furnished
4. Attested copy of Pan No :- Furnished/Not furnished
5. Audited copy of Balance Sheet & Profit & Loss :- Furnished/Not furnished
6. Audited copy of Financial Ratio :- Furnished/Not furnished
7. Agreed to adhere completion of work as per the contract :- Yes/No
8. Agreed to accept payment terms as per the tender :- Yes/No.
9. Agreed to accept penalty clause as per the tender :- Yes/No
10. Agreed to keep validity of the tender for 180 days from the date of opening of tender without any variation in the tender clause :- Yes/No
11. Submitted tender in duplicate :- Yes/No.
12. Agreed to all terms & conditions of the tender specifications :- Yes/No.

Date :-

Signature of tenderer with seal

ANNEXURE - III
DECLARATION FORM

To

The General Manager (Telecom)
TELECOM DIVISION, OPTCL, SLDC,
BHUBANESWAR-751017.

Sub: - Tender Specification No-_____

Sir,

1. Having examined the above specification together with terms & conditions referred to therein * I/We the undersigned hereby offer to supply the materials/equipment's covered therein complete in all respects as per the specification and General conditions, at the rates, entered in the attached contract schedule of prices in the Tender.
2. * I/We hereby undertake to have the materials/equipment's delivered within the time specified in the Tender.
3. * I/We hereby guarantee the technical particulars given in the Tender supported with necessary reports from concerned authorities.
4. * I/We certify to have submitted the bid electronically by remitting *cash/money order/D.D./ remitting the cost of tender, herewith and this has been acknowledged by your letter/ money receipt No.
Dated,
5. In the event of Tender, being decided in *my/our favor, * I/We agree to furnish the sum as applicable to *me/us within 15 days of issue of Letter of Intent/Purchase Order failing which *I/We clearly understand that the said letter of Intent/Purchase order will be liable to be withdrawn by the purchaser, and the EMD deposited by us shall be forfeited by OPTCL.

Signed this _____ day of _____ 2024

Yours faithfully

Signature of the Tenderer
with seal of the company

[This form should be dully filled up by the tenderer and uploaded at the time of submission of tender.]

* (Strikeout whichever is not applicable).

ANNEXURE-IV

ABSTRACT OF GENERAL TERMS AND CONDITIONS OF CONTRACT [COMMERCIAL]

1	(a) OPTCL Money Receipt No. & Date towards purchase of Tender. (b) Earnest money furnished. DD Number.	
2	Deviations to the specification if any[list enclosed or not] (a) Commercial (b) Technical.	Yes/No
3	Delivery (period in months from the date of purchase order).	Yes/No
4	Guarantee:-Whether agreeable to OPTCL's terms.	
5	Terms of payment:- Whether agreeable to OPTCL's terms or not	Yes/No
6	Nature of price:- FIRM	Yes/No
7.	Penalty:- Whether agreeable to OPTCL's terms or not	Yes/No.
8.	Validity: - Whether agreeable to OPTCL's terms or not	Yes/No
9.	Whether guaranteed technical particulars in complete shape are furnished or not	Yes/No
10.	Whether materials are ISI/ISO marked.	Yes/No
11.	Manufacturer's name and it's trademark.	Yes/No
12.	Whether registered under GST	Yes/No
13.	Whether declaration form duly filled in furnished or not.	Yes/No

Place: -

Date: -

Signature of the Tenderer
with seal of the company

ANNEXURE-V

ABSTRACT OF PRICE COMPONENT [TO ACCOMPANY PRICE BID]

1	Price basis	For GPRS
2	Rate of GST on supply of material	
3	Rate of GST on installation and commissioning	
4	Nature of price.	
5	Whether Input tax credit if any, has been fully passed on to the purchaser.	

Place

Date:

Signature of Tenderer

With seal of company

NB:- Abstract of price component shall be done for equipment/material offered, for testing & commissioning charges, if any. All the above prices will be taken during bid price evaluation.

ANNEXURE-VI

SCHEDULE OF PRICES (SUPPLY, INSTALLATION & COMMISSIONING)

TENDER SPECIFICATION No.

Item No.	Description.	SAC Code	Qty	Unit Price. (Excluding GST)	GST Rate	GST Unit Price (In Rs.)	Total Unit price Including GST (In Rs)	Total price Including GST (In Rs.)
1.	2.	3	4	5	6	7	8=5+7	9=4X8
1								
2								
TOTAL PRICE								

Signature of Tenderer
Name
Designation
and Seal

ANNEXURE-VII

**CHART SHOWING PARTICULARS OF EARNEST MONEY DEPOSIT FURNISHABLE BY
TENDERERS**

1.	Central , State Government Undertakings,MSME	Exempted
2.	All other inside & outside state units.	The amount of EMD as specified in the specification / Tender Notice in shape of bank guarantee /DD.

NB: - REFUND OF E.M.D.

- [a] In case of unsuccessful tenderers, the EMD will be refunded immediately after the tender is decided. In case of successful tenderer, this will be refunded only after completion of the work as above.**

Suits, if any, arising out of EMD shall be filed in a court of law to which the jurisdiction of High Court of ODISHA extends.

- [b] Earnest Money will be forfeited if the tenderer fails to accept the letter of intent/purchase order, issued in his favour or revises the bid price (s) within the validity period of Bid.**

Signature of Tenderer
Name, Designation and Seal

ANNEXURE-VIII

SCHEDULE OF INSTALLATIONS.

Rated Amp/mH	Rated Voltage	Place of installation and complete postal address	Year of commissioning

Place: -

Date

Signature of Tenderer:
Name, Designation, Seal

ANNEXURE-IX

CHECK LIST FOR DELIVERY & COMMISSIONING SCHEDULE

Sl. No.	ITEM DESCRIPTION	UNIT	Total Qty.	Delivery & commissioning Schedule

Signature of Tenderer
Name, Designation and Seal

ANNEXURE-X

DEVIATION SCHEDULE.

Tenderer shall enter below particulars of his alternative proposal for deviation from the specification, if any.

A) Technical

Sl.No	Clause No. of specification.	Particulars of deviations.

Place: -

Date

Signature of Tenderer:

Name, Designation, Seal

B) Commercial deviations.

A) Commercial.

Sl.No	Clause No. of specification.	Particulars of deviations.

Place: -

Date

Signature of Tenderer:

Name, Designation, Seal

APPENDIX-II

BILL OF QUANTITY

Sl. No.	ITEM DESCRIPTION	UNIT	Total Qty.

Signature of Tenderer
Name, Designation and Seal

SECTION – IV
TECHNICAL SPECIFICATION.

(i) **FOR ROURTERS**

Details:

Product code	RB941-2 nd
Architecture	SMIPS
CPU	QCA9533
CPU core count	1
CPU nominal frequency	650 MHz
License level	4
Operating System	RoutersOS
Size of RAM	32 MB
Storage size	16 MB

WIRELESS

Details:

Wireless 2.4 GHz Max data rate	300 Mbit/s
Wireless 2.4 GHz number of chains	2
Wireless 2.4 GHz standards	802.11b/g/n
Antenna gain dBi for 2.4 GHz	1.5
Wireless 2.4 GHz chip model	QCA9533
Wireless 2.4 GHz	Wi-Fi 4

ETHERNET

Details:

10/100 Ethernet ports	4
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WIRELESS SPECIFICATIONS

2.4 GHz	Transmit (dBm)	Receive Sensitivity
1 Mbit/s	22	-96

KEY FEATURES FOR MODEMS

1. Dual-SIM redundancy for continuous 2G/3G/4G cellular network connections.
2. The feature Link Manager supports Cellular WAN, Ethernet WAN, WLAN WAN link backup and ICMP detection.
3. WAN- Static/PPPoE/DHCP Client.
4. WAN port supports PD feature- compatible with 802.3at. (optional).
5. Supports Ipv6
6. RobustOS + SDK + App
7. Ipv6/OpenVPN/GRE/L2TP/PPTP/DMVPN.
8. Management and maintenance via Web/CLI/SMS/RCMS Cloud.

SPECIFICATIONS

Cellular Interface

Number of antennas	2 (MAIN + AUX)
Connector	SMA-K
SIM	2 (3 V & 1.8 V)

Ethernet Interface

Number of ports	2 X 10/100 Mbps, 2 X LAN or 1 X LAN + 1 X WAN
WAN port	Supporting 802.3 at PD feature (optional)
Magnet isolation	1.5 KV

WiFi Interface (optional)

Number of antennas	2 (WiFi1 + WiFi2)
Connector	RP-SMA-K
Standards	802.11b/g/n, supporting AP and Client modes
Frequency bands	2.4 GHz
Security	WEP, WPA, WPA2
Encryption	64/128 AES, TKIP
Data speed	2X 2 MIMO, 300 Mbps

SOFTWARE (Basic features of RobustOS)

Network protocol	PPP, PPPoE, TCP, UDP, DHCP, ICMP, NAT, HTTP, HTTPs, DNS, ARP, BGP, RIP, OSPF, NTP, SMTP, Telnet, VLAN, SSH2, DDNS, etc.
VPN Tunnel	Ipv6, Open VPN, GRE

