ଓଡିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲି୫.

ODISHA POWER TRANSMISSION CORPORATION LIMITED

(A Government of Odisha Undertaking)
OFFICE OF THE GENERAL MANAGER
TELECOMMUNICATION CIRCLE, OPTCL, MERAMUNDALI
AT-ANANDNAGAR (MATIASAHI), PO-HAKIMPADA, DIST-ANGUL, PIN- 759143
CIN-U40102OR2004SGC007553, E-mail:telc.cle.mrm@optcl.co.in

Letter No. 514 (09)

Date: 11/11/2026

To,

DM (HRD), CR Branch,
OPTCL HQRS OFFICE,

Sub- Publication of Tender Notice/Expression of Interest.
(Tender Specification No. 04/2026-27 & Advt. No. 04/2026-27)

Sir,

Enclosed please find herewith a copy of Advt. format, which may be published in a single issue of daily Odia Newspaper.

Copy of the published Newspapers may be forwarded to this office for reference & record.

Yours faithfully

Ranjan 11.11.2026
General Manager (I/C)
Telecom Circle, Meramundali

Encl.: (Hard copy & soft copy of Tender ADVT. Format)

CC:

1. CGM (TELECOM) OPTCL, BBSR for kind information.
2. CGM (F) OPTCL, BBSR for kind information.
3. CGM (IT) OPTCL, BBSR for kind information.
4. DGM (IT) OPTCL, BBSR for information & take necessary action to uploaded the above tender specification in OPTCL website.
   Encl.: (Soft Copy of Tender Specification to be display on OPTCL website)
5. DGM (F) CIAC, OPTCL, BBSR for information.
6. DGM (Telecom), Telecom Division, OPTCL, Sambalpur.
7. Bill Section/ Guard file.
8. *webinfo@optcl.co.in is also informed for upload the tender specification in OPTCL Website as soon as possible. Encl.: (Soft Copy of Tender)

ODISHA POWER TRANSMISSION CORPORATION LTD.
OFFICE OF THE GENERAL MANAGER (TELECOM)
TELECOM CIRCLE, OPTCL, MERAMUNDALI
AT:ANANDANAGAR (MATIASAHI), PO:HAKIMPADA,
DIST: ANGUL, ODISHA, PIN-759143
CIN: U40102OR204SGC007553/GSTIN:21AAACO7873L1Z6
Email: telc.cle.mrm@optcl.co.in
Contact No.-9438907479

TENDER NOTICE NO. MRM-04/2026-27

Advt. No.-04/2026-27 **Dt:11.11.2026**

For and on behalf of Odisha Power Transmission Corporation Limited, office of the General Manager (Telecom), Telecom Circle, Meramundali invites sealed tenders from reputed intending bidders having valid PAN & GSTIN for the work "**SUPPLY, INSTALLATION, AND COMMISSIONING OF 01 NO. LDMS AND 03 YEARS COMPREHENSIVE AMC OF RTU AT MCL NANDIRA**". Tender Paper & EMD cost mentioned in Tender Specification, Sale of Tender documents from 16-11-2026 to 07-12-2026 in any working days. Last date of submission of tender is 07-12-2026 up to **1PM**. Date of opening of tender is 07-12-2026 at **3.00PM**. For details please visit our website **www.optcl.co.in.** (Bidders are requested to visit above site regularly for any changes, since it will not be published in newspaper again)

Sd/-
General Manager(Telecom),Meramundali

ODISHA POWER TRANSMISSION CORPORATION LTD.
OFFICE OF THE GENERAL MANAGER (TELECOM)
TELECOM CIRCLE, MERAMUNDALI
AT-ANANDNAGAR (MATIASAHI), PO-HAKIMPADA, PIN-759143,
DIST-ANGUL (ODISHA)
CIN: U40102OR2004SGC007553/GSTIN: 21AACO7873L1Z6
Email: telc.cle.mrm@optcl.co.in
Contact No.-9438907479

TENDER SPECIFICATION NO. 04/2026-27

FOR

SUPPLY, INSTALLATION, AND COMMISSIONING OF 01 NO. LDMS AND 03 YEARS COMPREHENSIVE AMC OF RTU AT MCL, NANDIRA.

SALE OF TENDER SPECIFICATION:	DT. 16-11-2026
LAST DATE SALE OF TENDER SPECIFICATION:	DT. 07-12-2026
LAST DATE OF SUBMISSION OF TENDER:	DT. 07-12-2026
DATE OF OPENING OF TENDER:	DT. 07-12-2026

ISSUED TO,

M/S.....

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SECTION-1

ODISHA POWER TRANSMISSION CORPORATION LTD.
(A Government of ODISHA Under Taking)
Regd. Office: Tech Tower, Janpath, Saheed nagar, Bhubaneswar-751007
OFFICE OF THE GENERAL MANAGER(TELECOM)
TELECOM CIRCLE, OPTCL, MERAMUNDALI, AT-ANANDNAGAR (MATIASAHI), PO-HAKIMPADA, ANGUL, PIN-759143, Email-*telc.cle.mrm@optcl.co.in*
CIN: U40102OR2004SGC007553

TENDER CALL NOTICE NO. 04/2026-27

Sealed tenders are invited by the undersigned from the Registered Contractors having valid License with I.T. PAN, GST Registration No. etc. for **"SUPPLY, INSTALLATION, AND COMMISSIONING OF 01 NO. LDMS AND 03 YEARS COMPREHENSIVE AMC OF RTU (MAKE-SYNERGY) AT MCL, NANDIRA".**

Cost of Tender Paper:	**Rs. 4,720/- (Rs. 4,000/- + GST @18%)**
EMD:	**1% of your quoted value in shape of DD**
Sale of Tender documents:	**From Dt.16.11.2026 to 07.12.2026 (11:00 A.M. to 5:30 P.M.).**
Last date of submission of tender:	**Dt. 07.12.2026 up to 1.00 PM.**
Date of opening of tender:	**Dt. 07.12.2026 at 3.00PM**

The tender specification can be obtained from the office of The GM, TELECOM CIRCLE, OPTCL, MERAMUNDALI on payment of **Rs. 4,720/-** towards Paper Cost **including GST @ 18%**(Non Refundable) in shape of Cash/ Bank Draft in favour of G M , TELECOM CIRCLE, MERAMUNDALI payable at "UNION BANK OF INDIA", SIMILIPADA, ANGUL BRANCH on any working day from **Dt. 16.11.2026** to **Dt. 0 7 .12.2026**. In case the D.D is made in any other nationalized bank payable at any clearing branch at Angul will be allowed, but the bidders have to deposit the collection fee (Bank transaction fee) along with the paper cost. The collection fee & Paper cost is Nonrefundable. Additional amount of Rs.100/- (One Hundred only may be paid extra for postal delivery of the tender specification. The undersigned shall not be held responsible for any postal delay.

The Tender shall be received by **01.00 PM** on **dated 0 7 .12.2026** & will be opened at **03.00 PM** on same day in the Office of the undersigned in the presence of the Bidders (or) their Authorized Representatives present if any. If any of the above date happens to be a holiday, the next working day will be the corresponding effective date. One Tender paper shall be issued to each Bidder. E.M.D value (detail mentioned in EMD clause) should be deposited in shape of Demand Draft in favour of the **GM, TELECOM CIRCLE, OPTCL, MERAMUNDALI & payable at "UNION BANK OF INDIA", SIMILIPADA, ANGUL BRANCH.**

N.B:- Tender Paper must be purchased from this office only. No other mode like downloaded paper from website will be accepted.

Ranjan 11.11.26

General Manager (I/C)
Telecom Circle, Meramundali

Ranjan

SECTION-II

INSTRUCTION TO TENDERERS

1. Sealed tenders in duplicate duly super scribed as "**TENDER AGAINST TENDER CALL NOTICE No. 04/2026-27** are invited from registered service providers / contractors for the work **"SUPPLY, INSTALLATION, AND COMMISSIONING OF 01 NO. LDMS AND 03 YEARS COMPREHENSIVE AMC OF RTU (MAKE-SYNERGY) AT MCL, NANDIRA"** as per the technical specification enclosed which should be received in this office on or before **1.00 P.M. Dt.07.12.2026** and the same shall be opened on **Dt. 07.12.2026** at **3:00** PM in presence of the tenderers or their authorized agents. Tenders received after **1.00 P.M** on Dt. **07.12.2026** 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 **GENERAL MANAGER, TELECOM CIRCLE, OPTCL, MERAMUNDALI, AT–ANANDANAGAR (MATIASAHI), PO- HAKIMPADA, DIST- ANGUL, ODISHA, PIN- 759143.**
   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 your quoted value in shape of DD drawn in favour of **General Manager, Telecommunication Circle, OPTCL, Meramundali payable at "UNION BANK OF INDIA", SIMILIPADA, ANGUL BRANCH**, 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/P.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 60 days from the date of opening of tender.

Ranjan 11.11.26

General Manager (I/C)
Telecom Circle, Meramundali

SECTION-III

GENERAL CONDITIONS OF CONTRACT & TECHNICAL SPECIFICATION (GTCC)

1.0 Scope of the contract (for Supply, Installation & Commissioning of LDMS)

The scope of the contract shall be to **"SUPPLY, INSTALLATION, AND COMMISSIONING OF 01 NO. LDMS AT MCL, NANDIRA".**

1. Supply, installation, testing and commissioning of LDMS software.
2. Integration with existing RTU systems.
3. Database configuration and development.
4. Single Line Diagram (SLD) development.
5. Real-time data acquisition and monitoring.
6. Testing, commissioning and training.
7. Communication through IEC-60870-5-104 protocol.

1.1 Software Functional Requirements

1. Real-time monitoring of feeders and substations.
2. Data Acquisition
3. Data Processing
4. Time Stamping
5. Data Logging
6. Man-Machine Interface
2. Voltage, current, MW, MVAR and power factor monitoring.
3. Breaker and isolator status monitoring.
4. Alarm and event management.
5. Historical data and trend analysis.
6. Load monitoring and reporting.

7. LD visualization.

8. Safety Tagging

9. User Authentication

10. Historical Data Server (HDS)

11. Report Utility

1.2 Hardware Requirements

Make-HP/Dell/Reputed, PC with 24 inch monitor, Processor Speed 2.1 GHz or higher, RAM 8 GB DDR5, Hard Disk 1 TB NVMe SSD, Display24-inch LED Monitor, Full HD (1920 × 1080) ,Operating System Windows 11 Professional 64-bit, USB Ports Minimum 4 USB ports, Keyboard & Mouse Standard USB Keyboard and Optical Mouse.

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, Meramundali.

2.2 "The Engineer" shall mean the engineer appointed by the Purchaser for the purpose of this contract.

2.3 "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.

2.4 "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.

2.5 "Equipment" shall mean and include all machinery, apparatus, Materials, articles to be provided under the contract by the Contractor.

2.6 "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.

2.7 "General Conditions" shall mean these General Terms and Conditions of Contract.

2.8 "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.

2.9 "Month" shall mean "Calendar month".

2.10 "Writing" shall include any manuscript, type written, printed or other statement re-production in any visible

form and whether under seal or under hand.

2.11 "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.

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

2.13 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.

3.0 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.

4.0 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.

5.0 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.

6.0 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.**

7.0 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).

8.0 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.

9.0 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.

10.0 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 materials/equipment shall have to be supplied within 30 days from the date of issue of purchase order.

(c) The installation, testing & commissioning of the communication equipment are to be completed within 15 days from the date of supply.

11.0 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.

12.0 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-12(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-19 of this section until such reasonable time as may be required for the final supply of material/equipment.

iii) In the event the Purchase does not terminate the contract as provided in Clause 12(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-19 of this Section until the material/equipment is accepted. This shall be based only on written request of the supplier and written willingness of Purchaser.

13.0 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.

14.0 Extension of Time

If the delivery / commissioning of equipment/material 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.

15.0 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 132/33 KV Grid Sub-Station MCL, Nandira, Jagannath Area, Mahanadi Coal Fields Limited (MCL), Talcher, Po-N S Nagar, Bharatpur, Talcher, Dist-Angul, Odisha, Pin-759148 in good condition.

16.0 Bank Guarantee towards Security Deposit, 100% Payment and performance Guarantee

a. B.G for Supply and Installation

A Composite Bank Guarantee as per the proforma of the specification for 10%(Ten percent) of the total cost of the purchase order (without AMC), shall be furnished from any Nationalized/ Scheduled Bank having a place of business at Angul, to the office of General Manager, Telecom Circle, OPTCL, Meramundali 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-15 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 Angul, 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.

b. B.G for AMC

Performance BG will be furnished by the supplier separately against the AMC cost and period as per clause No.-4 Section VI (Comprehensive AMC).

17.0 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.

18.0 Terms of Payment

i) **PAYING AUTHORITY**: GM (TC), Telecom Circle, OPTCL, Meramundali

ii) **CONSIGNEE / VERIFYING OFFICER**: SDO, Telecom Sub-Division, OPTCL, Dhenkanal.

iii) **90%** of the contract price including GST will be paid on receipt of materials in good condition and after installation, testing & 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 cor pletion 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.

19.0 Price Reduction Schedule for Delay in Completion of Contract

(i) If the Contractor fails to deliver the material/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/material 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% (Five 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.

20.0 Insurance

The Contractor at his cost shall arrange, secure and maintain all insura ce 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.

21.0 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).

22.0 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.

23.0 Validity.

Prices and conditions contained in the offer should be kept valid for a period of 60 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.

24.0 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.

25.0 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.

26.0 Official Address of the Parties to the Contract

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

(i) **Purchaser:**

OFFICE OF THE GENERAL MANAGER, TELECOMMUNICATION CIRCLE, OPTCL, MERAMUNDALI, AT–ANANDANAGR (MATIASAHI), PO-HAKIMPADA, DIST-ANGUL, ODISHA, PIN- 759143.

(ii) **Supplier:**

Name:

Address:

27.0 Outright Rejection of Tenders

Tenders shall be outsight rejected if they are not complyir.g 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 60 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 60 days from the date of opening of the tender.

28.0 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.

29.0 Scheme/Projects

The materials/equipment covered in this Specification shall come under **"Deposit Work"**.

Ranjan

SECTION - IV

(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 – III	ANNEXURE-II
iii)	Declaration form	ANNEXURE-III
iv)	Abstract of General Terms and Conditions of Contract [Commercial]	ANNEXURE-IV
v)	Schedule of prices (Supply, Installation & Commissioning)	ANNEXURE-V
vi)	Earnest Money Deposit to be furnished by Tenderers	ANNEXURE-VI
vii)	Check list for delivery & commissioning Schedule	ANNEXURE-VII
viii)	Deviation schedule	ANNEXURE-VIII

Ranjan

ANNEXURE-I

PRICE SCHEDULE

SUPPLY, INSTALLATION, AND COMMISSIONING OF 01 NO. LDMS AT MCL, NANDIRA					
Sl. No.	**Item Description**	**Unit**	**Qty**	**Unit Price**	**Amount**
1.	HP/Dell/Reputed, PC with 24 inch monitor, Processor Speed 2.1 GHz or higher, RAM 8 GB DDR5, Hard Disk 1 TB NVMe SSD,Display 24-inch LED Monitor, Full HD (1920 × 1080) ,Operating System Windows 11 Professional 64-bit, USB Ports Minimum 4 USB ports, Keyboard & Mouse Standard USB Keyboard and Optical Mouse	No.	1		
	Services				
2.	Material Transportation, Installation & Commissioning	LS	1		
				Sub-Total	
				CGST @9%	
				SGST @9%	
				Grand Total	

03 YEARS COMPREHENSIVE AMC OF RTU (MAKE-SYNERGY) INSTALLED AT MCL, NANDIRA					
Sl. No.	**Item Description**	**Unit**	**Qty**	**Unit Price**	**Amount**
1.	COMPREHENSIVE AMC OF RTU	YEARS	3		
				Sub-Total	
				CGST @9%	
				SGST @9%	
				Grand Total	

Date:

Signature of the Bidder Authorized Signatory

ANNEXURE-II

ABSTRACT OF TERMS & CONDITIONS

(To be furnished by the Tenderer)

Name of the work: - **"SUPPLY, INSTALLATION, AND COMMISSIONING OF 01 NO. LDMS AND 03 YEARS COMPREHENSIVE AMC OF RTU (MAKE-SYNERGY) AT MCL, NANDIRA".**

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.	Agreed to adhere completion of work as per the contract	:-	Yes/No
6.	Agreed to accept payment terms as per the tender	:-	Yes/No.
7.	Agreed to accept penalty clause as per the tender	:-	Yes/No
8.	Agreed to keep validity of the tender for 60 days from the date of opening of tender without any variation in the tender clause	:-	Yes/No
9.	Submitted tender in duplicate	:-	Yes/No.
10.	Agreed to all terms & conditions of the tender specifications	:-	Yes/No.

Date:-

Signature of tenderer with seal

Ranjan

ANNEXURE - III
DECLARATION FORM

To,

The General Manager (Telecom)
Telecom Circle, OPTCL,
Meramundali.

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 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 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 _____2026

Yours faithfully

Signature of the Tenderer
with seal of the company

ANNEXURE-IV

ABSTRACT OF GENERAL TERMS AND CONDITIONS OF CONTRACT [COMMERCIAL]

* (Strikeout whichever is not applicable).

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.	Yes/No
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

Ranjan

ANNEXURE-V

SCHEDULE OF PRICES (SUPPLY, INSTALLATION & COMMISSIONING)

TENDER SPECIFICATION No.

Item No.	Item Name/ Description.	SAC Code	Unit	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.	9=6+8	10=6X9
1	HP/Dell/Reputed, PC with 24 inch monitor, Processor Speed 2.1 GHz or higher, RAM 8 GB DDR5, Hard Disk 1 TB NVMe SSD,Display 24-inch LED Monitor, Full HD (1920 × 1080) ,Operating System Windows 11 Professional 64-bit, USB Ports Minimum 4 USB ports, Keyboard & Mouse Standard USB Keyboard and Optical Mouse		Nos.	01					
2	Material Transportation, Installation & Commissioning		LS	1					
	TOTAL PRICE								

SCHEDULE OF PRICES (COMPREHENSIVE AMC)

Item No.	Item Name/ Description.	SAC Code	Unit	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.	9=6+8	10=6X9
1	COMPREHENSIVE AMC OF RTU		YEARS	03					
	TOTAL PRICE								

Signature of Tenderer

Name

Designation

and Seal

ANNEXURE-VI

CHART SHOWING PARTICULARS OF EARNEST MONEY DEPOSIT FURNISHABLE BY TENDERERS

1.	**Central , State Government Undertakings, MSME**	**50% of the amount of EMD as specified in the specification / Tender Notice in shape of DD.**
2.	**All other inside & outside state units.**	**The amount of EMD as specified in the specification / Tender Notice in shape of 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

Ranjan

ANNEXURE-VII
CHECK LIST FOR DELIVERY & COMMISSIONING SCHEDULE

Item No.	Item Name/ Description.	Unit	Qty	Delivery & commissioning Schedule
1	HP/Dell/Reputed, PC with 24 inch monitor, Processor Speed 2.1 GHz or higher, RAM 8 GB DDR5, Hard Disk 1 TB NVMe SSD,Display 24-inch LED Monitor, Full HD (1920 × 1080) ,Operating System Windows 11 Professional 64-bit, USB Ports Minimum 4 USB ports, Keyboard & Mouse Standard USB Keyboard and Optical Mouse	Nos.	01	
2	Material Transportation, Installation & Commissioning	LS	1	

Signature of Tenderer

Name

Designation

and Seal

ANNEXURE-VIII

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

Ranjeet

APPENDIX-II
BILL OF QUANTITY

Sl. No.	Item Name/Description	Unit	Qty
1	HP/Dell/Reputed, PC with 24 inch monitor, Processor Speed 2.1 GHz or higher, RAM 8 GB DDR5, Hard Disk 1 TB NVMe SSD,Display 24-inch LED Monitor, Full HD (1920 × 1080) ,Operating System Windows 11 Professional 64-bit, USB Ports Minimum 4 USB ports, Keyboard & Mouse Standard USB Keyboard and Optical Mouse	Nos.	01
2	Material Transportation, Installation & Commissioning	LS	1

Signature of Tenderer

Name

Designation

Seal

SECTION – V
TECHNICAL SPECIFICATION

1) LDMS

The LDMS application software is based on Synergy Systems & Solutions SIRIUS SCADA software.

The SCADA software provides an integrated system for monitoring and control of the substation through the RTU. This chapter provides a description of the software functions provided by the SIRIUS to achieve the requirements as desired.

To obtain high efficiency of LDMS system or to obtain minimum down time all Substation will be provided with Industrial grade computers and UPS with I hour backup.

- Configuration Database

The SIRIUS SCADA database is engineered through its Integrated Development Environment (IDE). The SIRIUS IDE will be hosted one of the LDMS PC, with its database located on the same machine.

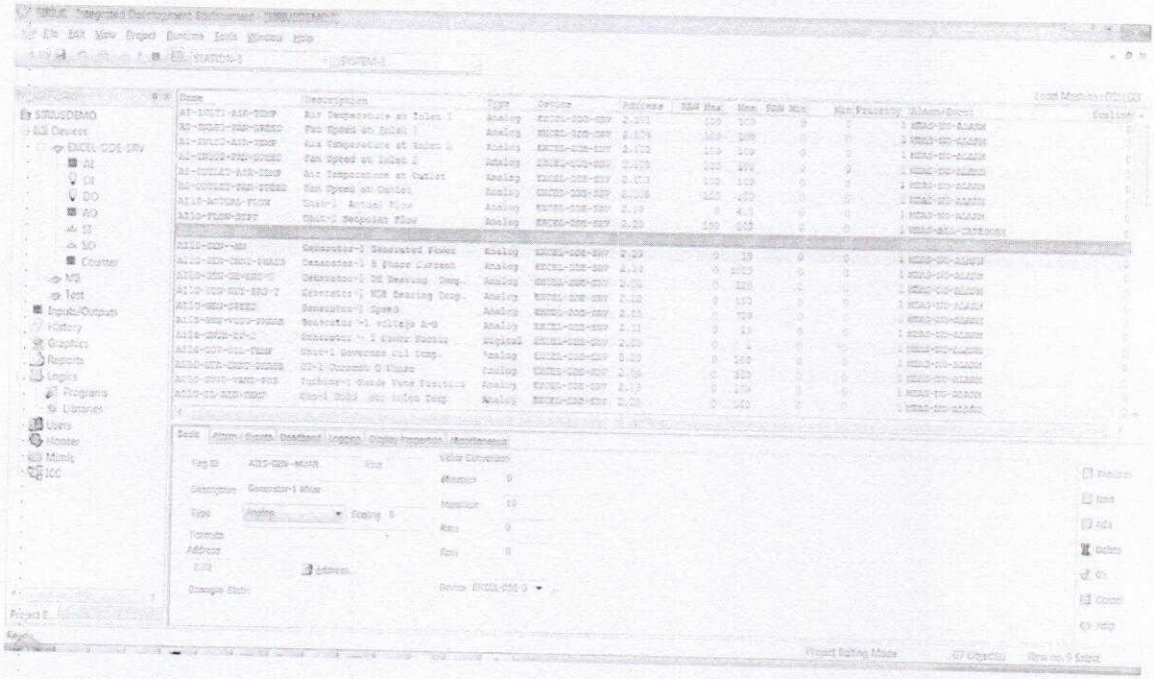


Figure-7–Configuration Database Screen

SIRIUS IDE provides a centralized and integrated environment for creation of database points,

Alarm / event definitions, graphical displays, trends, etc.

- Runtime Functions

Many runtime components of SIRIUS operate together to provide data processing, Alarm / event generation and other functions. The following diagram depicts the typical data flow process through various SIRIUS' components.

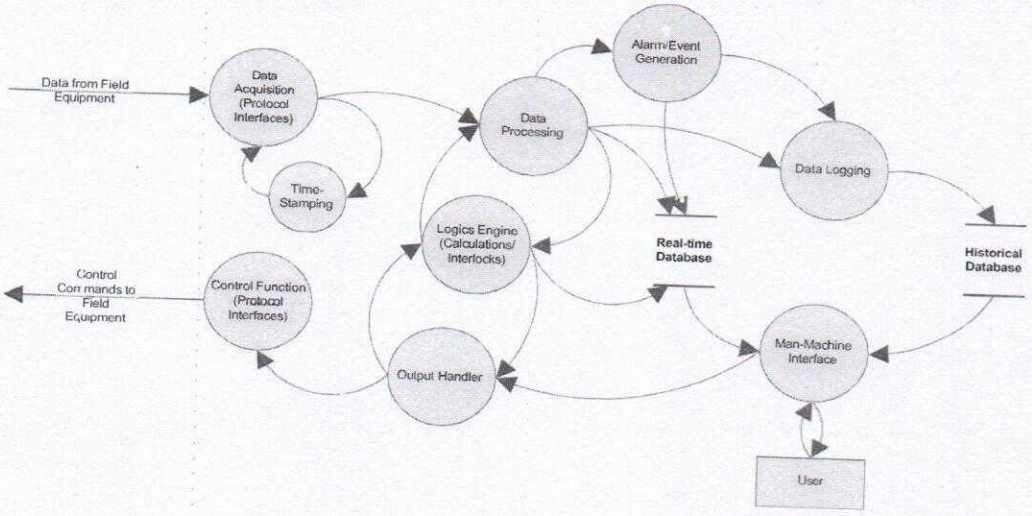


Figure-8 –Data Flow in SIRIUS

- Data Acquisition

Data acquisition from external devices and systems like RTUs is performed by the communication front-end component of SIRIUS. This component implements the required protocol interfaces required to communicate with external subsystems.

The communication front-end provides conversion of acquired data from different protocols into a common format that is understood by other components of SIRIUS.

- Data Processing

The data acquired by the communication front-end is then processed by the SIRIUS server component. This component consists of many modules operating in tandem to provide the overall functions of the SCADA system, with data processing being the main activity.

Data processing involves checking validity of input data as per specified limits, analyzing quality of data (topicality, invalidity, blocked/overridden, etc.), and then updating the values into the SCADA real-time database.

- Time Stamping

Time-stamping of acquired data is done at either of the two levels in SIRIUS. The first option is at source, i.e., time-stamped is acquired directly from the field devices and the same is used throughout the data flow process in SIRIUS. The second option is to time-stamp events on acquisition, at the protocol level, which is the first point of entry of the data into SIRIUS.

In this project, since the RTUs will provide time-stamped data. Therefore, the first option will be used.

- Alarm/Event Processing

Data acquired from devices or from logic calculations are transferred to the alarm/event engine. The alarm/event engine checks for state changes, threshold violations, as configured by the user, and generates time-stamped alarms and events. Alarms generated by the engine are of two

are those that require operator attention, and explicit acknowledgement by the operator. Persistent alarms are those that have been acknowledged by the operator, but still exist in the field equipment. Persistent alarms automatically get reset when the field status becomes normal.

The alarm/event engine generates alarms/events with multiple fields for easy classification and filtering/sorting. Typically, these fields include date-time, alarm/event description, source equipment, station, and priority.

- Data Logging

Data logging is process of storing real-time data into a historical database for later retrieval and analysis. SIRIUS has a dedicated historical data server (HDS) for this purpose. Refer to section 4.7 for more details on HDS.

SIRIUS allows logging of alarms/events, operator actions, and current values. Alarms/events, operator actions are logged as and when they occur, whereas current values are recorded either at a specific cyclic interval, or when the value changes by a certain deadband.

- Man-Machine Interface (MMI)

SIRIUS MMI provides the user interface of the SCADA system for interaction with user. The MMI provides graphical visualization of the process elements, alarms/events, trends, using what are called pictures. Pictures are created by the system engineer in IDE for graphical representation of current values, parameters, alarms, etc. Multiple pictures are defined based on application requirements with facility to navigate across pictures using hot-keys, buttons, and other navigational aids provided by the MMI.

For this project, following pictures would be provided as a minimum –

1. Single-line network diagram which depict current status of the breakers, isolators, transformer tap positions, and measured parameters, like voltage, current, frequency etc.
2. Control system diagram depicting current status and alarms of control system equipment like, RTUs, servers, router etc.

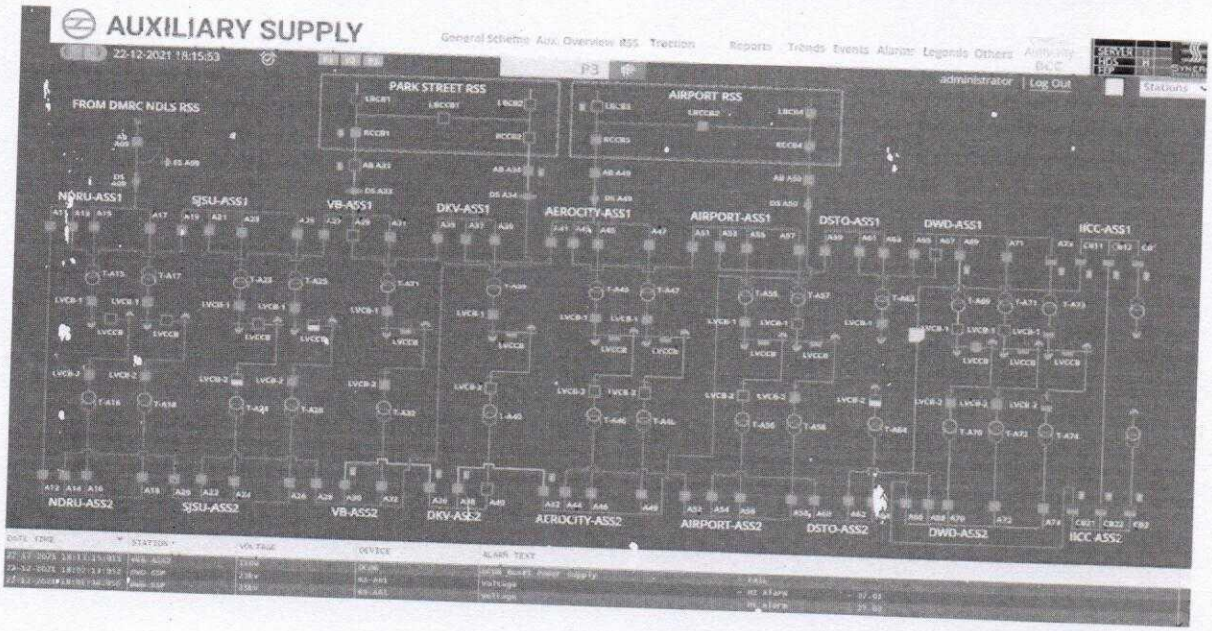


Figure-9 –Sample MMI Screen

- Dynamic Network Colouring

SIRIUS SCADA supports dynamic colouring of power networks. A topology editor in SIRIUS IDE allows the user to define the network topology, identifying different voltage levels, power sections, equipment like breakers, transformers. Using this topology information, and the real-time data as acquired from the RTUs, SIRIUS evaluates the state (charged, tripped, earthed, etc.) of each section on the network. Using the evaluated state different colours can be assigned to represent the network on MMI screens.

The dynamic colouring of the power networks provide an intuitive and easy-to-use interface which aids in quickly identifying faulty or tripped sections on the

- Safety Interlocks

Safety interlocks are implemented in SIRIUS using a combination of two methods –

- Pre-defined interlocks based on network topology

In this method, the network topology as defined by the user is used to determine if a command request can cause a potential problem. E.g., charging an earthed section. Such interlocks are already defined in SIRIUS, and not normally do not require further user inputs.

- Custom, user-defined interlocks based on application-specific requirements
- Application-specific interlocking requirements can be written in SIRIUS' high-level programming language.

For example,

- Closing of bridging interrupters at SP locations when both sides are charged can be checked.
- Operation of traction transformer tap changer while the transformer is on load can also be checked.
- Closing of a breaker/interrupter on an earthed/power block section can be prevented.

Interlocks implemented using either of the above methods provides feedback to the user, indicating the reason for not accepting the command request. This aids the user in taking alternate course of action.

- Safety Tagging

Safety tagging allows a command to be inhibited in SCADA, with option to place appropriate "operator notes". This feature allows for blocking of commands by the operator as a safety precaution, during issuance of permit to work, etc.

- User Authentication

Login using password-based access control is provided by the MMI. Different access / control rights can be configured to each login. The following three users will be created by default –

1. "default user" – User who has view-only rights, and no control, acknowledge or maintenance rights.
2. "operator" – User who has view and control functions for the electrical switchgear, and alarm acknowledgement capability. Maintenance or SCADA system control functions are disable for this user.
3. "administrator" – User who has all the rights including view, control, maintenance, acknowledgement for all tags defined in the SCADA database.

- Historical Data Server (HDS)

SIRIUS' Historical Data Server provides chronological storage of data as acquired by the SCADA system. This data includes current values, alarms, events, operator actions, etc. SIRIUS HDS is based on PostgreSQL database. This database will be hosted on a dedicated Historical Server located in the OCC. This server has been provided with fault tolerant storage devices for backup and recovery requirements.

Data from HDS is used for reporting, trending, and for exporting data to third-party applications like Microsoft Excel, etc.

- Reporting

Microsoft Excel based reports can be prepared using SIRIUS' Reporter tool. This tool allows creation of common reports like hourly logs, daily logs, etc. In addition to this alarm/event reports are predefined in the system, which allow querying alarms/events for a specific time-range. Ad-hoc reporting is also possible for the measured values that are stored in the archive using the web-reporting function.

- Third-Party Interfaces

SIRIUS SCADA real-time and historical databases can be accessed using ODBC, which provides a standard SQL-based method to retrieve the data.

SECTION – VI
COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT

SPECIFICATION FOR COMPREHENSIVE AMC

Sl. No.	ITEM DESCRIPTION	UNIT	TOTAL QTY
1	Comprehensive AMC of RTU (01 No.)	Year	03

1.0 SCOPE OF AMC (Comprehensive):

The scope of work under maintenance & support services shall include a comprehensive maintenance of all the software, hardware and services in RTUs, installed at MCL, Nandira. The essence of the maintenance and support services is to provide maintenance support for the entire system (hardware and software), with the goal of meeting the availability as set forth herein.

The availability of all the equipment/items RTU at MCL, Nandira Substations is the essence of the contract. Contractor shall maintain required availability of the system during entire contract period (including extension of contract, if any) as per the terms and conditions and requirements mentioned in document. The maintenance of all the supplied system comprises of all activities required to keep the system up and running all the time at an optimum level by proactive monitoring, diagnosis and rectification of any failure of all the hardware(s) and software(s). The 24x7x365 support shall be provided by Contractor

1) The associated RTU Hardware shall include:
2) Remote Terminal Units (RTU)
3) Digital Input Cards
4) Analogue Input Card
5) RTU Sub Racks
6) Power Cards
7) CPU Modules
8) CMR
9) MFM
10) Any other component installed for functioning of RTU.

2.0 The nature of maintenance support required for the different type of systems and Components and requirement of System Availability are described below:

Contractor shall have back-to-back support along with supply of spare within appropriate response time without any cost implication to the MCL, Nandira. For all equipment and Materials including Hardware & Software, Contractor shall be responsible for coordination with the OEMs for all matters related to that equipment. The Contractor shall be responsible for meeting the overall response times and availability require nents specified in the Specification. The maintenance of the System shall be comprehensive and shall comprise of the following category of works, for each of the different subsystems as below:

The maintenance of the System shall be comprehensive and shall comprise of the following major works which is further elaborated for each of the different subsystems -

a) Maintenance of RTU associated accessories, this may include repair/ replacement/software installation along-with all licenses/troubleshooting of installed systems.

b) Preventive Maintenance Activity (performance monitoring, system backup, emergency response and troubleshooting), of RTU System.

e) Maintaining and Restoration of the backup RTU.

f) Configuration and maintenance of RTU.

g) Maintaining a minimum spare.

n) The contractor shall also be responsible for establishment and maintenance of communication with SLDC Systems.

2.1 PREVENTIVE MAINTENANCE ACTIVITY (QUARTERLY / EVERY THREE MONTHS)

The preventive maintenance activity includes all activities to be performed by the Contractor on quarterly basis (every three months) to keep the system running at optimum level by diagnosis and rectification of all hardware and software failures and would broadly include: -

a) Repair / replacement of defective equipment including hardware & software: In case any defects are noticed during preventive maintenance, such defects are to be rectified within 15 days of such inspection. The Contractor shall be responsible for repair/replacement of all the hardware & software for the various systems without any extra cost.

b) Configuration of the replaced hardware and software, periodic routine checking as part of a preventive maintenance program, which would include checking of functionality of hardware and software.

d) Addition and modification of database of RTU when required would primarily be the responsibility of Contractor.

j) Providing all necessary assistance to MCL, Nandira as per Responsibility matrix defined in this section.

k) Restoration of the systems upon its failure and to restore the functioning of the various systems at the respective Substation.

l) In case the contractor fails to perform the Preventive maintenance within the scheduled stipulated time, the purchaser shall recover from the supplier/contractor a penalty for the delay as per the price reduction schedule indicated below.

2.2 BREAKDOWN MAINTENANCE

In case any defect is noticed, the contractor shall be intimated by the owner, and contractor shall attend the spot within 07 days from the date of intimation positively and shall ascertain the defects and shall rectify the same within 15 days from the date of intimation to the contractor. The spare materials / equipment required to rectify such defects are to be supplied by the contractor free of cost. In case contractor fails to rectify the defects within the scheduled time, the purchase shall recover from the supplier / contractor a penalty for the delay as per the price reduction clause indicated below. The date of intimation to the contractor regarding the troubles / defects of the item(s) shall be reckoned as the base date for computing the penalty amount.

2.3 HOURS OF COVER

1) The service provider shall provide their service personnel who have experience and skill to maintain the RTU system to the desired level of availability

2) The issue will be attended at the site on call basis. The Issue will be resolved within 72 hours, if any major hardware failure the replacement of repair need 15 days.

3) The service personnel of service provider must possess capability for supporting the equipment and components proposed, but not limited to undertaking preventive and break-fix maintenance, troubleshooting, resolving problems, tuning etc. The service provider shall also provision for necessary offsite support to ensure continuity of operations.

2.4 PHYSICAL MAINTENANCE

The contractor shall undertake physical maintenance of all equipment/modules under the scope of this contract at least once in a year for MVL Substations, in accordance with this section. The physical maintenance shall include cleaning, dusting, inspection of equipment for loose connections, damage to insulation, pest infections etc. as follows:

Activities shall include but not limited to:

(a) Preventive maintenance of RTU and other associated system.

(b) Connection test of LAN cables for identifying potential loose contacts.

(c) Physical hardware checks of RTU and other associated system to ensure proper working.

(g) The preventive maintenance would include monitoring, checking and diagnostic functions for software also.

3.0 TERMS OF PAYMENT (For CAMC of above equipment)

The terms of payments under this contract shall be governed as per the following:

A. Your unconditional acceptance of the order.

B. A performance bank guarantee as per the proforma for 10% of the total maintenance contract price (for 03 years), which will remain valid for more than two months from the expiry of the contract i.e. 38 months form the last date of the guarantee period.

C. The payment shall be made on production of bill to this office duly verified & signed by the concerned officer / consignee on quarterly basis.

4.0 PERFORMANCE SECURITY

A performance bank guarantee as per the proforma for 10% of the total Maintenance contract price (for 03 years), which will remain valid for more than two months from the expiry of the contract period i.e. 38 months

the guarantee period. You are requested to furnish the composite bank guarantee, of required amount in our standard bank guarantee format towards security, payment and performance from any nationalized / scheduled bank on non-judicia' stamp paper worth Rs.29.00 (Rupees Twenty nine) only or as applicable as per prevalent rules, to the office of the General Manager, Telecom Circle, OPTCL, Meramundali within 15(Fifteen) days of issue of purchase order (for AMC) and shall remain valid for a period of 38 (thirty eight) months and the same to be validated from time to time to cover the entire AMC period. The said bank guarantee should be accompanied by a confirmation letter from the concerned bank & should have provision for encashment at Angul, befo·e the bank Guarantee is accepted & all concerned intimated. No interest is payable on the composite bank guarantee.

In case of non-fulfillment of contractual obligation, composite bank guarantee shall be en-cashed without intimation to you.

5.0 CONSIGNEE AND PAYING OFFICER (for AMC Contract)

The consignee shall be SDO, Telecom Sub-Division, OPTCL, Dhenkanal and the paying officer shall be GM, Telecom Circle, OPTCL, Meramundali.

6.0 PRICE REDUCTION SCHEDULE

a) In the event of failure on your part to comply with the provisions of the contract regarding attending to the Break down of the above equipment at MCL, Nandira, a penalty of 0.5% of the total taxable value for each day of delay or part thereof, for such delay, subject to upper limit of price reduction of 10% of the total taxable value if delay is within 30 days and up to 20% if delay exceeds one month, will be levied, without prejudice to any other remedies to which OPTCL may also be entitled, under the provisions of the contract / bid specifications.

b) In the event of failure on your part to comply with the provisions of the contract regarding attending to the preventive maintenance (PM) of above equipment at MCL, Nandira, a price reduction @30% of the total AMC taxable value for the period shall be imposed for that quarter.

7.0 CONTRACT AGREEMENT

Contractor shall prepare and finalize the contract document for signing of the formal contract agreement with us, as per the proforma to be provided to you, on non-judicial stamp paper of appropriate value within fifteen days from the date of the purchase order.

8.0 DURATION OF CONTARCT

This AMC shall be in force for a period of 03 (Three) years from the date issue of purchase order.

Information to be furnished by the contractor

The following information is to be provided by the contractor for attending to the faulty equipment for rectification during the guarantee period.

Persons to be contacted for the service purpose:
Name: (1)
Designation:
Mobile No.:
E-mail Address:

Name: (2)
Designation:
Mobile No.:
E-mail Address:

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