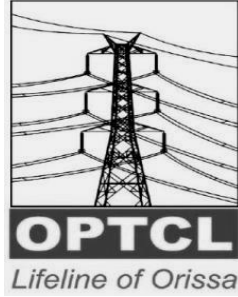


**ଓଡିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ପ୍ରଚାରଣ ନିଗମ ଲି.ଟି.  
ODISHA POWER TRANSMISSION CORPORATION LTD.**

*(A Government of Odisha Undertaking)*



**E.H.T. (O&M) CIRCLE, BERHAMPUR**

**TENDER SPECIFICATION FOR**

**E-TENDER CALL NOTICE No. BAM-12/2023-24**

**“Supply of different types of Fire Extinguishers along with launchers required For various Grid Sub-Stations under EHT (O&M) Division, Chatrapur”.**

**Tender documents Price- Rs. 6,000/- + 18% GST= Rs. 7,080/-**

# ଓଡ଼ିଶା ବିଦ୍ୟୁତ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲିଃ.



ODISHA POWER TRANSMISSION CORPORATION LIMITED  
(A Government of Odisha Undertaking)  
CORPORATE IDENTITY NUMBER (CIN) U40102OR2004GC007553  
O/O GENERAL MANAGER, EHT (O&M) CIRCLE, BERHAMPUR  
PO: ENGINEERING SCHOOL, DIST: GANJAM-760010  
E mail:ehtm.cle.bam@optcl.co.in

## E-TENDER SPECIFICATION NO- BAM-12/2023-24

“Supply of different types of Fire Extinguishers along with launchers required for various Grid Sub-Stations under EHT (O&M) Division, Chatrapur”

### PART-I

- SECTION-I- TENDER CALL NOTICE
- SECTION-II- INSTRUCTION TO BIDDER
- SECTION-III- GENERAL TERMS & CONDITION
- SECTION-IV- TECHNICAL SPECIFICATION
- SECTION-V- DETAILED DATA SHEET TO BE FURNISHED BY THE TENDERER
- SECTION-VI- DETAILED SPECIFICATION SHEET TO BE FURNISHED BY THE TENDERER
- SECTION-VII- PRICE SCHEDULE( TO BE FURNISHED IN THE GIVEN EXCEL FORMAT)
- SECTION-VIII- LIST OF ANNEXURES

### PART-II

#### PRICE BID & TECHNO COMMERCIAL BID (IN EXCEL FORMAT)

- Request for online tender documents: From dt- 06.11.2023 (10.00 Hrs) to Dt. 27.11.2023 (12.30 Hrs).
- Issue of online tender documents: From dt- 06.11.2023 (10.01 Hrs) to Dt. 27.11.2023 (12.31 Hrs.)
- Last date of submission of online tender: Up to dt- 28.11.2023 (12.00 Hrs)
- Date of opening of Techno-commercial Bid: On dt- 29.11.2023 (15.30 Hrs)

#### TELEPHONES / CONTACTS

1. General Manager: 09438907083      2. TA to General Manager: 9438908247

#### NOTE: -

1. In case the due date for opening of tender happens to be a holiday, then tenders would be received & opened on the next working day at the same time.
2. Please note that the tenders against this tender enquiry are being invited **through e-tendering mode**. In case of any clarification the prospective bidders may contact this office as mentioned above.
3. **The prospective bidders are requested to get their digital signatures (Class-3) well in time** for participation in the tender and no request for extension on this account will be entertained.
4. **Manual tenders in any form/case will not be accepted.**

# ଓଡ଼ିଶା ବିଦ୍ୟୁତ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲିଃ.



ODISHA POWER TRANSMISSION CORPORATION LIMITED  
(A Government of Odisha Undertaking)  
CORPORATE IDENTITY NUMBER (CIN) U40102OR2004GC007553  
O/O GENERAL MANAGER, EHT (O&M) CIRCLE, BERHAMPUR  
PO: ENGINEERING SCHOOL, DIST: GANJAM-760010  
ehtm.cle.bam@optcl.co.in

## PART-I

### SECTION-I

#### E-TENDER CALL NOTICE NO. BAM-012 /2023-24

For and on behalf of ODISHA POWER TRANSMISSION CORPORATION LTD, General Manager, EHT (O&M) Circle, Berhampur invites Tender from Authorised dealer/Distributors having authorised dealership certificate of reputed make, IT/PAN, GSTIN **and experience** (supply similar types of product under OPTCL / any other Odisha Govt. Organization)

Sl. No	Tender Specification No.	Location Details.	INDIAN RUPEES			Last date of submission & Date of opening of Tender.
			Earnest Money Deposit.	Cost of Tender Spec. Document	Tender Processing Fee.	
1	E -Tender No. 12/2023-24	Supply of different types of Fire Extinguishers along with launchers required For various Grid Sub-Stations under EHT (O&M) Division, Chatrapur	24,791/- (Only in the shape of DD)	Rs.7,080/- Only in the shape of DD]	Rs.4,767/-	up to dt- <b>28.11.2023</b> (12.00 Hrs) and <b>29.11.2023</b> at 15:00 hrs

The interested bidders would be required to enrol themselves on the tender portal [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL) and must possess Class 3 Digital Signature Certificate. Complete set of bidding documents are available at [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL) from **dt: - 06.11.2023 (10.00 Hrs) to Dt. 27.11.2023 (12.30 Hrs)**. Interested bidders may visit OPTCL's official web site <http://www.optcl.co.in> and [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL) for detail specification.

The bidders can view the tender documents from website free of cost. The bidders who want to participate in the tender shall have to pay **Rs. 7,080/- (Rupees Seven Thousand Eighty only) non refundable** (including GST @ 18%) towards the cost of tender document, in the form of **Demand draft** only, drawn in favour of **General Manager (Electrical), EHT (O&M) Circle, OPTCL, Berhampur, Payable at Berhampur** and the same is to be submitted to the office of the undersigned on or before the last date of opening of Tender.

**The bidders shall have to submit a non-refundable amount of Rs 4,767/- (Rupees Four Thousand Seven Hundred Sixty Seven) only towards the tender processing fee through e-payment gate way. (NOTE: For deposit of tender processing fee to K.S.E.D.C. Ltd. Bangalore, the bidder can use various modes of e-payment facility available through Tender wizard Portal, i.e. by Credit Card, Debit Card and Net Banking)**

The bidders shall scan the Demand Draft towards, EMD & Tender paper Cost and acknowledgement slip for tender processing fee and upload the same in the prescribed form in **.gif** or **.jpg** format in addition to sending the

original as stated above.

The prospective bidders are advised to register their user ID, Password, company ID from website [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL) by clicking on hyper link "Register Me".

Any clarifications regarding the scope of work and technical features of the tender can be had from the undersigned during office hours.

N.B:- All subsequent addendums/corrigendum to the tender shall be hosted in the OPTCL's official web site <http://www.optcl.co.in> and [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL) only.

**GENERAL MANAGER (ELECT.)  
EHT (O&M) CIRCLE,  
BERHAMPUR**

## SECTION-II

### INSTRUCTION TO BIDDERS

#### **1. Submission of Bids: -**

The bidder shall submit the bid in Electronic Mode only i.e [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL). The bidder must ensure that the bids are received in the specified website of the OPTCL by the date and time indicated in the Tender notice. Bids submitted by telex/telegram will not be accepted. No request to collect the Bids in physical form will be entertained by the OPTCL.

The OPTCL reserves the right to reject any bid, which is not submitted according to the instruction, stipulated above. The participants to the tender should be registered under GST/IT Act.

- i. For all the users it is mandatory to procure the Class 3 Digital Signatures.**
- ii. Contractor having Civil/Electrical license or suppliers are requested to follow the below steps for Registration:
  - a. Click "Register", fill the online registration form.
  - b. Pay the amount of **Rs. 2360/-** for registration fee through **e-payment gateway**.
  - c. This registration is valid for one year.
  - d. Send the acknowledgment copy for verification.
  - e. As soon as the verification is being done, the e-tender user id will be enabled.
- iii. After viewing Tender Notification, if bidder intends to participate in tender, he has to use his e-tendering User Id and Password which has been received after registration and acquisition of DSCs.
- iv. If any Bidder wants to participate in the tender he will have to follow the instructions given below:
  - a. Insert the PKI (which consist of your Digital Signature Certificate – Class 3) in your System. (Note: Make sure that necessary software of PKI be installed in your system).
  - b. Click / Double Click to open the Microsoft Internet Explorer (This icon will be located on the Desktop of the computer).
  - c. Go to Start > Programs > Internet Explorer.
  - d. Type [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL) in the address bar, to access the Login Screen.
  - e. Enter e-tender User Id and Password, click on "Go".
  - f. Click on "Click here to login" for selecting the Digital Signature Certificate (DSC).
    - Select the Certificate and enter DSC Password.
    - Re-enter the e-Procurement User Id Password
- v. To make a request for Tender Document, Bidders will have to follow below mentioned steps.
  - Click "Un Applied" to view / apply for new tenders.
  - Click on Request icon for online request.
  - Enter the required fields including details of D.D for tender Processing fee.
- vi. After making the request Bidders will receive the Bid Documents which can be checked and downloaded by following the below steps:
  - Click to view the tender documents which are received by the user.

- Tender document screen appears.
  - Click “Click here to download” to download the documents.
- vii. After completing all the formalities Bidders will have to submit the tender and they must take care of following instructions.
- Prior to submission, verify whether all the required documents have been attached and uploaded to the particular tender or not.
  - Note down / take a print of bid control number once it displayed on the screen
- viii. Tender Opening event can be viewed online.
- ix. Competitors bid sheets are available in the website for all.
- x. **For any e-tendering assistant contact help desk number mentioned below.**
- **Bangalore– 080- 40482000.**
  - **Mr. Satamanyu– mob: 09937140591**

**2. Purchaser’s Right Regarding Alteration of Quantities Tendered.**

The Purchaser may alter the quantities of materials/equipment at the time of placing orders. Initially the purchaser may place orders for lesser quantity with full freedom to place extension orders for further quantity under similar terms and conditions of the original orders. Orders may also be split among more than one tenderer for any particular item, if considered necessary in the interest of the Purchaser to get the goods/equipment earlier.

**3. Purchaser’s right to accept/reject bids:**

The purchaser reserves the right to reject any or all the tenders without assigning any reasons what so ever if it is in the interest of OPTCL, under the existing circumstances

**4. Mode of submission of Tenders.**

[A] Tenders shall be submitted in electronic mode only. ([www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL))

[B] **Telegraphic or FAX tenders** shall not be accepted under any circumstances.

**5. Validity of the Bids: -**

The tenders are requested to keep the validity of their offer for a period of **180** days from the date of opening of the tender, and Rate remains same throughout the validity period, failing which the tenders will be rejected.

**6. PRICE: -**

The bidders are advised to quote their rate as per the price schedule attached with specification and shall remain firm inclusive of all taxes & duties, etc. within the validity of the tender. However GST will be paid extra as per Govt. Prevailing rule.

**7. Tenderers to be fully conversant with the clauses of the Specification:**

Tenderers are expected to be fully conversant with the meaning of all the clauses of the specification before submitting their tenders. In case of doubt regarding the meaning of any clause, the tenderer may seek clarification in writing from the **General Manager(Elect), EHT (O&M) Circle, Berhampur**. This, however does not entitle the Tenderer to ask for time beyond due date, fixed for receipt of tender.

## 8. Documents to Accompany Bids.

Tenderers are required to submit tenders in the following manner:

- a) Declaration Form as per **Annexure-I** (duly signed) to be uploaded in \*.pdf format.
- b) Earnest Money (scanned copy is to be uploaded)& original DD should be submitted to the O/O. GM, EHT (O&M) Circle, Berhampur on or before opening of Tender.
- c) Abstract of Terms & conditions in prescribed Performa as per **Annexure-II**. To be keyed in the Techno commercial bid sheets provided.
- d) General Terms & Conditions of contract as per Section-II of the Specification. (All the required documents are to be uploaded.)
- e) Data on past experience, Authorized dealership certificate & permanent account number (PAN) as per the Specification, GST certificate.(Scanned copy to be uploaded)
- f) Any other documents required mentioned in the technical specification, is to be uploaded.
- g) Schedule of prices in the prescribed Performa in the price bid sheet provided in \*.xls format.
- h) Photo copies of type test certificates of materials offered as stipulated in the Technical Specification.
- i) Failing to upload any document his/her bid may be rejected.

9. **Conditional Offer:** Conditional offer shall not be accepted.

## 10. General Instruction to the Tenderers :-

- i) The tenderer must get him registered in tender portal by paying an **non refundable** amount of **Rs. 2,360/- through e-payment gate way**. This registration is valid for one year.
- ii) The tender paper cost (Form fee non refundable) for an amount of **Rs 7,080/- to be deposited in shape of DD**.
- iii) The tender processing fee for an amount of **Rs. 2,928/- (Non-refundable) is to be paid to KSEDC Limited, Bangalore through e-payment gateway**.
- iv) The EMD amount as per mentioned in the form of **Demand draft** only, drawn in favour of **General Manager (Electrical), EHT (O&M) Circle, OPTCL, Berhampur, Payable at Berhampur**.
- v) In the event of discrepancy or arithmetical error in the schedule of price, the decision of the purchaser shall be final and binding on the Tenderer.
- vi) Notice inviting tender shall form part of this specification.
- vii) It should be distinctly understood that the price bid and techno-commercial bid shall contain only details / documents relating to price and technical details, as mentioned herein above.
- viii) **The Tenderer must submit EMD amount, cost of tender document in shape of draft and proof of Tender processing fee in a sealed cover envelope super scribing the Tender Notice No & Date of opening of tender. The said envelope is to be submitted in the office of the purchaser on or before the last date and time of opening of tender.**

**General Manager (Elect)  
EHT (O&M) Circle,  
Berhampur.**

## SECTION-III

### GENERAL TERMS AND CONDITIONS

1. **PRICE: -a)** The price quoted should be firm, F.O.R. destination inclusive of freight, Insurance, Packing, Forwarding charges inclusive discount if any.  
b) Taxes, if any shall be mentioned extra. The Tenderer may quote rate in respect of different make materials as per scheduled.
2. **VALIDITY: -**  
Prices & conditions contained in the offer should be valid for at least a period of 180 (one hundred eighty) days from the date of opening of the tender failing which the the tender shall be rejected.
3. **TERMS OF PAYMENT:-** 100 % Payment(**Against Security Deposit else 90% payment will be made**) with taxes etc shall be made within **30 days** after receipt of materials in full & in good condition and verification thereof by the consignee subject to availability of funds from Head office.
4. **Delivery period:-** The material should be delivered from 45 days of the award of the contract and to be delivered as per schedule of purchase order.
5. **PENALTY FOR DELAY IN delivered :-** If the supplier shall fail to deliver the materials within the delivery period as stipulated under clause No. 4 (Section-III) of this Tender document or any extension granted there to, the purchaser shall recover from the supplier penalty for a sum of half percent (i.e. 0.5 percent) of the contract price for each calendar week or part thereof of delay. However the total amount of penalty shall not exceed 5% (five percent) of the contract/ undelivered items price. Materials will be deemed to have been delivered only when all the component parts are also delivered. If certain components are not delivered in time, the supply will be treated as delayed until such time the missing/ undelivered parts are delivered.
9. **EXTENSION OF TIME:** If the delivery of materials is delayed due to reason beyond the control of supplier, the supplier shall without delay give justification. The purchaser on receipt of such notice may agree to extend the contract delivery date if reasonable but without prejudice to other terms and conditions of this contract.
10. **GUARANTEE:-**The materials supply covered under this contract should be guaranteed for trouble free and satisfactory performance against any defects in design, materials and workmanship for a Period of at least 30 months from the date of supply or 24 (twenty four) months from the date of use whichever is earlier. The G.C shall be furnished after supply of materials to the undersigned in triplicate for approval. Any defects noticed during this period should be rectified / replaced by the firm free of cost provided such defects are due to faulty design, bad workmanship or bad materials used. The replaced materials should also have similar guarantee.
11. **GST REGISTRATION NO., PAN CARD,:**  
Scanned copies of PAN, GST Registration No., Experience certificate of supply of all the required materials (Experience certificate should not be more than 02 years) & all the test report & certificates mention in technical specification should be uploaded along with tenders, falling which the tender will be rejected. The contractor or their authorized representatives should produce the original documents for verification within 02 days from the date of opening of tender. Those who fail to produce the same and found not to be valid at the time of verification, their tenders will be rejected.
12. **B.G. towards security deposit, 100% payment and performance guarantee:**  
[i] A Composite Bank Guarantee as per the Preform enclosed at Annexure-III of the specification for 10% [Ten percent] of the total contract value shall be furnished from any nationalized/scheduled bank having a place of business at Bhubaneswar, to the office of Dy. General Manager, Division, Berhampur within 15 days from the date of issue of the Purchase Order,. The BG shall be executed on non judicial stamp paper worth



of Rs.50.00 [Rupees fifty] only or as per the prevalent rules, valid for a period of 14 months from the last date of stipulated work completion period, for scrutiny and acceptance, failing which the work order will be liable for cancellation without any further written notices. The BG should be accompanied by a confirmation letter from the concerned bank and should have provision for encashment at Bhubaneswar, before the Bank Guarantee is accepted and all concerned intimated. The B.G should be revalidated as and when intimated to you to cover the entire guarantee period.

[ii] No interest is payable on any kind of Bank Guarantee.

[iii] In case of non-fulfillment of contractual obligation, as required in the detailed purchase order/Specification, the composite Bank guarantee shall be forfeited.

**13. SECURITY DEPOSIT:** -The successful Tenderer has to deposit 10% of the contract value as Security Deposit within 15 days of issue of purchase order. In case of non-execution of order the Security Deposit shall be forfeited. The Security Deposit amount will be refunded after successful completion of the guarantee period. The security deposit shall not carry any interest.

**14. AUTHORITY - General Manager (Electrical), EHT (O&M) Circle, OPTCL, Berhampur**

**15. PAYING OFFICER:** Deputy General Manager (Elect.), EHT (O&M) Division, OPTCL, Chatrapur

**16. RIGHT TO REJECT / ACCEPT ANY TENDER:** -The Authority reserves the right, either to reject or accept any or all the tenders without assigning any reasons thereof.

**17. JURISDICTION OF THE COURT:** -For the purpose of jurisdiction of court in the event of dispute if any shall be deemed to have entered into any court of law at Berhampur to which the jurisdiction of Orissa High Court extends and it is hereby expressly agreed that neither party shall be competent to bring a suit in regard to the matter covered by this purchase at any place outside in State of Orissa

**18. SUBMISSION OF PAN No. & GST CERTIFICATE:-** Clear attested Xerox copies of PAN No. & GST certificate valid on the date of opening of tender should be submitted along with the tender, failing which, the tender will be rejected.

**19. OTHER TENDER TERMS:-**

We prefer single vendor, who can supply all the tender material from a single manufacturer to get better after sale service. Preference will be giving those having experience in OPTCL for same kind of product as per the Tender.

**20. SUBMISSION OF PROOF REGARDING** Attested legible Xerox copy of necessary manufacture's certificate, valid authorised dealership certificate, Manufacturer's price list, past experience of execution of orders, type test certificate& technical literature etc are to submitted along with the tender.

**24. e-Reverse Auction process shall be resorted to in the tender as follows.**

<b>STRATEGY FOR E-REVERSE AUCTION</b>	
1	Bidders are required to go through the guide lines given below and submit their acceptance to the same.
2	e-Reverse Auction (RA) will be conducted in e-tender portal of OPTCL on specified date and time, while bidders shall quote from their own offices/places of their choice. Internet connectivity shall be ensured by the respective agencies/bidders themselves.
3	Demonstration/ training (if not trained earlier) of bidder's nominated person(s), shall be done by KEONICS to explain all the rules related to e-Reverse Auction/ Business Rule document to be adopted.
4	The strategy to be used for reverse auction shall be "DYNAMIC TEMPLATE BIDDING"
<b>Procedure for electronic Reverse Auctioning (e-RA):</b>	
5	a. The e-RA shall be conducted on <a href="http://www.tenderwizard.com/OPTCL">www.tenderwizard.com/OPTCL</a> only. b. Bidder has to submit letter towards agreement to the Process related Terms & Conditions for e-Reverse Auction, as per (Reverse Auction Process Compliance Form at Annexure-IA). In non-receipt of

	<p>the same, vendors will not be allowed to participate in e-RA.</p> <p>c. e-RA shall be carried out after opening of Price bids and completion of Price bid evaluation, which will be intimated only to the techno-commercially qualified bidders by OPTCL as per procedure given below.</p> <p>d. OPTCL reserves the right to conduct e-RA and it is obligatory on part of bidder(s) invited to participate in e-RA process once they have responded to the techno-commercial bid.</p>
6	<p>Prior intimation/ Notice for RA invitation will be given to techno-commercially qualified bidders regarding the date &amp; time of opening of the e-RA.</p> <p>The start bid price (SBP) for e-Reverse Auction of each bidder under a particular package shall be the L1 evaluated price for the subject package including Taxes &amp; Duties for the total scope for subject Package. Taking the above discovered L1 price as the upper limit e-RA will be conducted to determine the lowest possible price.</p> <p>Reverse Auction will be conducted amongst first 50% of the technically qualified bidders arranged in order of prices from lowest to highest, as L1, L2,L3-----Ln, and L1 price will be discovered. Minimum of 3 bidders shall be eligible for e RA. (eg. If 4 bidders are financially evaluated then the L1, L2 and L3 bidders shall be eligible for e-RA). Number of bidders eligible for participating in RA would be rounded off to next higher integer value if number of technically qualified bidders is odd (e.g. if 7 bids are technically qualified, then RA will be conducted amongst L1 to L4).</p> <p>However, in case only two bidders are found to be responsive, e-RA would be carried out with both the parties without any elimination. However, OPTCL reserves the right to invite the evaluated L1 bidder for negotiation without conducting the e-RA.</p> <p>In case of price submitted by any bidder is found to be abnormal, OPTCL reserves the right to reject the bid of the bidder(s) .</p> <p>Rank of bidders would be displayed as per the total cost to OPTCL, i.e including Taxes and Duties payable by OPTCL as per the provisions of the bidding document &amp; after e-RA process is over.</p>
7	<p>Names of bidders/ vendors shall not be disclosed during the e-RA process. Names of bidders/ vendors shall be anonymously masked in the e-RA process.</p> <p>(i) In case of RA, start/ reference price and step value of decrement shall be indicated to the bidders at the start of the auction. Any participating bidder can bid one or multiple step decrement lower than the prevailing lowest bid at that time. The Bidder shall be able to view Bid Start Price, Bid Decrement Value, Prevailing Lowest Bid value, last Bid Placed by him and time left for bidding.</p> <p>(ii) The step value of decrement in a package to be offered by bidder (the minimum amount of reduction in the total bid price including all taxes &amp; duties during auction) , shall be kept at 0.15% of L1 bidder's final evaluated price (or) at approved amount as decided by OPTCL.</p> <p>(iii) Bidders can only quote any value lower than their previous quoted price. However, at no stage, increase in Price will be permissible.</p> <p>(iv) At any point during Reverse Auction, bidding Price field (Total price) shall remain enabled for the bidders. The total reverse auction period will be for one twenty (120) minutes. The initial auction period (1<sup>st</sup> slot) will be of thirty (30) minutes with provision of auto extension by (10) ten minutes from the schedule/ extended closing time, if any fresh lower bid is received in last ten minutes of initial auction period or extended auction period. Total/ maximum number of auto extension will be for 9 (nine) times after the 1<sup>st</sup> slot. After end of 120 minutes, the reverse auction process shall get closed automatically without any extension.</p> <p>(v) However, bidders are advised not to wait till the last minute or last few seconds to enter their bid during the period of e-reverse auction to avoid complication related with internet connectivity, network problem, system crash down, power failure etc.</p>
8	<p>After conclusion of e-Reverse Auction i.e (Closing Price in Reverse Auction will be taken as offered price by the L1 bidder), decrease in price of individual head of the template shall be considered proportionately on all individual line items of the respective head of the price schedule of the successful L1 bidder .</p>

	<p>Any bid received at the tender wizard server end subsequent to closure of the e-RA shall be summarily rejected and shall not be considered as a valid bid under whatsoever circumstances. For this purpose, tender wizard server log shall prevail.</p> <p>The bidder shall not involve himself or any of his representatives in price manipulation of any kind directly or indirectly by communicating with other bidders.</p> <p>During Reverse Auction, If no bid is received within the specified time, OPTCL, at its discretion, may decide to close the reverse auction process/ proceed with conventional mode of tendering [ Evaluation of Part-II (price bid) submitted by bidders earlier].</p>
9	<p>Consequent upon completion of e-Reverse Auction, OPTCL's decision on award of contract shall be final and binding on the bidders.</p> <p>OPTCL shall be at liberty to call the L1 bidder for further process/ negotiation and also at liberty to cancel the e-reverse auction process/ re-tender at any time, without assigning any reason thereof. OPTCL can decide to reschedule or cancel any reverse auction: the bidders shall be informed accordingly.</p> <p>OPTCL/ Service Provider shall not have any liability to bidders for any interruption or delay in access to the e-Tender site/ Reverse Auction link irrespective of the cause.</p>

**General Manager (Elect)**  
**EHT (O&M) Circle,**  
**Berhampur**

## SECTION-IV

### TECHNICAL SPECIFICATION FOR PROCUREMENT OF FIRE DIFFERENT EXTINGUISHERS.

#### 1. Trolley Mounted 50L Water Mist + CAFS Fire Fighting Systems

Sl. No.	Details	Technical Parameters
1	Technology	Water Mist & CAFS (Low Pressure)
2	Capacity (size)	50 Liters As per DIN EN1866-1:2007
3	Working Pressure	Upto 11 bars
4	Water cylinder Capacity	50 liters
5	Water Cylinder – construction	Non-corrosive Stainless Steel SS-316.
6	Water Cylinder - Working pressure	05 to 12 bars
7	Water Cylinder - Testing pressure	Not less than 1.5 times the working pressure
8	Water Cylinder external paint	The cylinder should be of red color with powder coating. The paint should confirm to IS:5:2007 Shade 538
9	Safety valve opening pressure	1.5 Times working pressure
10	Trolley	As per DIN EN1866-1:2007
11	Air Bottle Capacity	6.0 liters/300 bar
12	Air Bottle – construction	Seamless Mild Steel Cylinder
13	Air Bottle - Working pressure	300 bars
14	Air Bottle – markings	1. Chief Controller of Explosives/model number/serial number / year of manufacture/Chief Controller of Explosives approved valve with built in pressure gauge 2. The serial number on the cylinder shall match with the certificate.
15	Air Bottle – propellant	Compressed normal air
16	Air Bottle – certification	PESO (Petroleum and explosive safety organization) Chief Controller of Explosives – Nagpur
17	Total weight Filled	Not more 105 kg (Water Bottle filled & Air bottle 6.0 liters / 300 bar air filled)
18	<b>Operating/Working pressure</b>	<b>Not more than 11 Bars</b>
19	Operating – temperature	Minimum +5 degree to maximum +60 degree Celsius
20	Gun – construction	1. Non corrosive SS metal (dual phase) with external plastic covering, smooth bore, atomizer chamber and mixing chamber.
21	<b>Gun - weight without hose</b>	<b>Should be 1.5 kg. ± 10%</b>
22	Gun - working principle	An air atomizer chamber / mixing chamber present in the gun. Two inlets to the gun chamber, one carries water pressurised at $\leq$ 12 bars from the water vessel & the other carries pressurised air from the compressed air cylinder to the gun.
23	<b>Nozzle Modes</b>	<b>Jet &amp; Spray</b>
24	Jet - Lancing Distance	15 meters ( variance of upto -5% & + no limit)
25	Jet - Minimum Discharge duration-Continuous and at full throttle	more than 100 seconds

26	Spray - Minimum Discharge duration	more than 100 seconds
27	Consumption of extinguishing agent	0.4 to 0.5 liters per second
28	<b>Turn over from - Jet mode to spray mode by twisting of nozzle</b>	<b>Time taken shall not be more than 1 second with a provision of changeover from Jet to spray mode and vice versa by simple twist of nozzle without disrupting water mist discharge.</b>
29	Water Bottle - Pressure release mechanism to decompress the water bottle	Pressure release mechanism to decompress the water bottle shall be provided for fast refilling
30	Device operation	Shall be suitable for both left and right hand operations
31	<b>Fire extinction - suitability with standard AFFF 6% confirming to IS 4989 or UL 162 or EN 1568-3-2008 standards</b>	Class - A Class - B Live Electrical fires
32	System Test : Electrical Test Certificate - With details of test methods	1000 V as per EN 3-7 / IS - 15683 (Tested for 35 kva)
33	<b>Product Certificates:</b>	<b>Certification from any NABL accredited Lab (tested in Indian condition) / National Test House as per DIN EN1866-1:2007 .Test report shall be enclosed along with the offer.</b>
34	<b>Fire Rating Certificates with standard AFFF 6% foam: For Class A</b>	<b>Minimum 55A</b>
35	<b>Fire Rating Certificates with standard AFFF 6% Foam: For Class B</b>	<b>Minimum IIB</b>
36	PED certification	The product should be PED certified to PED 2014/68/EU, ANNEXIII(MODULE H)
37	PESO Licence	The supplier should have a licence from PESO for refilling & storage of high pressure gas cylinders.

## **2. Back Pack 9 L Water Mist + CAFS Fire Fighting Systems**

**Product Description:** Water Mist & CAF based fire extinguisher of 9 Ltrs Capacity consisting of a Stainless Steel (SS 316L)water container, 1 units of 2 ltrs Compressed Air Cylinder of Aluminum Alloy and one atomization gun with jet mode & spray mode. The system operates on twin fluid low pressure technology with operating pressure being lesser than 15 bars.

<b>S. No.</b>	<b>Details</b>	<b>Technical Parameter</b>
1	Capacity	9 Ltrs mounted on a Backpack
2	Contents	94% Water + 6% Foam (AFFF 3%)
3	Test of Foam	Foam / it's components should be tested to manufacturer's specifications for Viscosity, Density, Refractive Index & pH level as per EN 1568 from an international lab like LPCB, BSI and MPA Dresden
4	Safety Device	Safety device should be available as per Cl.10.3 of BS EN 3-7:2004+A1:2007
5	Propellant	Air
6	Propellant Cylinder	Aluminum Alloy Cylinder with PESO Approval, capacity 2Ltrs, Pressurised to 200 bars, Hydrostatic pressure test at 300 bars
7	Operating Pressure of the system	8 bar to 8.5 bar
8	Hose Length	1.3 Meters

9	Gross Weight of the system	24.010 Kg
10	Gun weight	1.6 kg ± 5%
11	Lancing distance	13 meters Minimum
12	Hose Burst pressure Test	Water hose, Air hose & Booster hose should be tested for burst pressure & confirm to Cl. 10.5 of BS EN 3-7:2004+A1:2007
13	Tested to standard	Extinguisher shall be tested to BS EN 3-7:2004+A1:2007 from any international body / test lab like BSI, MPA Dresden and LPCB. Test report should not be more than three years old. <b>The test report should be with GA drawing, components drawing &amp; list of components along with their material of construction.</b>
14	Electrical non conductivity	The extinguisher should be tested to BS EN 3-7:2004+A1:2007, Clause 9, from ERDA for Dielectric Test on Water & Water + Foam in Jet Mode & Spray Mode. Test report should not be more than 3 years old.
15	Class A Fire Rating	27 A
16	Class B Fire Rating	233 B
17	Duration of operation	20 sec TO 21 sec
18	Commencement of discharge	</= 1sec
19	Operating temperature	5°C to 60°C
20	Tested for Corrosion	The extinguisher would be tested for external corrosion as per cl.14.1 and for internal corrosion as per cl.14.2 of BS EN 3-7:2004+A1:2007
21	Colour of the body	Red RAL 3000 as per cl. 16.1 of BS EN 3-7:2004+A1:2007
22	Gun operating mode	Gun shall have both Jet & Spray mode of operation. Change over of spray mode to jet mode & vice versa shall be by a slight twist of the nozzle in front of the gun.
23	Constructional Requirements	The extinguisher shall be tested for constructional requirements of BS EN 137:2006 ( Cl. 6.3, 6.4, 6.11.1, 6.11.1.1, 6.13, 6.14) from an international body / test laboratory like BSI, LPCB and MPA Dresden. The test report should not be more than three years old.
24	PED certification	The product should be PED certified to PED 2014/68/EU, ANNEXIII(MODULE H)
25	PESO Licence	The OEM should have a licence from PESO for refilling & storage of high pressure gas cylinders.

Launcher Technical Specification for 06 KG	
<b>Product Name</b>	Automatic Fire Ext Launcher MAP90 6KG MS SP
<b>STORED PRESSURE/CARTRIDGE</b>	Stored Pressure
<b>EXTINGUISHING AGENT</b>	ABC Powder MAP 90
<b>CERTIFICATION TYPE</b>	CE Marked & PED Approved, BSI
<b>Discharge Time</b>	15 second
<b>GROSS WEIGHT</b>	Approx. 11.50 kg
<b>NET MASS</b>	5.88 to 6.12 kg
<b>APPROX. HEIGHT OF FIRE EXT.</b>	545 mm
<b>DISCHARGE MECHANISM</b>	Squeeze Grip/ Automatic
<b>APPLICABLE ON FIRES</b>	A, B, C, & Electrical Started Fire

<b>FIRE RATINGS as per BIS</b>	4A
	113B
<b>EN 3 FIRE RATINGS</b>	21A
	113B
<b>CAN CONSTRUCTION</b>	DEEP DRAWN AND MIG WELDED
<b>VALVE / CAP CONSTRUCTION</b>	FORGING AND MACHINING
<b>INTERNAL COATING</b>	EPOXY POWDER COATING
<b>EXTERNAL COATING</b>	EPOXY POLYESTER POWDER
<b>HELIUM LEAK DETECTION</b>	YES
<b>WORKING PRESSURE</b>	15Bar
<b>DIA. OF SHELL (OD)</b>	160.0 mm
<b>OPERATING TEMPERATURE</b>	-20oC to +60oC
<b>HYDROSTATIC TEST PRESSURE</b>	35Bar
<b>CYLINDER MATERIAL SPEC.</b>	Steel CR2(DC01)
<b>BODY THICKNESS</b>	1.6 mm

#### Launcher Technical Specification for 09 KG

<b>Product Name</b>	Automatic Fire Ext Launcher MAP90 9KG MS SP
<b>STORED PRESSURE/CARTRIDGE</b>	Stored Pressure
<b>EXTINGUISHING AGENT</b>	ABC Powder MAP 90
<b>CERTIFICATION TYPE</b>	CE Marked & PED Approved, BSI
<b>Discharge Time</b>	23 second
<b>GROSS WEIGHT</b>	Approx. 16.80 kg
<b>NET MASS</b>	8.82 to 9.18 kg
<b>APPROX. HEIGHT OF FIRE EXT.</b>	675 mm
<b>DISCHARGE MECHANISM</b>	Squeeze Grip/ Automatic
<b>APPLICABLE ON FIRES</b>	A, B, C, & Electrical Started Fire
<b>FIRE RATINGS as per BIS</b>	4A
	144B
<b>EN 3 FIRE RATINGS</b>	27A
	144B
<b>CAN CONSTRUCTION</b>	DEEP DRAWN AND MIG WELDED
<b>VALVE / CAP CONSTRUCTION</b>	FORGING AND MACHINING
<b>INTERNAL COATING</b>	EPOXY POWDER COATING
<b>EXTERNAL COATING</b>	EPOXY POLYESTER POWDER
<b>HELIUM LEAK DETECTION</b>	YES
<b>WORKING PRESSURE</b>	15Bar
<b>DIA. OF SHELL (OD)</b>	175.0 mm
<b>OPERATING TEMPERATURE</b>	-20oC to +60oC
<b>HYDROSTATIC TEST PRESSURE</b>	35Bar
<b>CYLINDER MATERIAL SPEC.</b>	Steel CR2(DC01)
<b>BODY THICKNESS</b>	2.0 mm

**SECTION-V**

**DETAILED DATA SHEET TO BE FURNISHED BY THE TENDERERS.**

- |     |  |                         |
|-----|--|-------------------------|
| 1.  | Name of the suppliers with detailed postal address & Phone No. :   |                         |
| 2.  | Earnest money deposited vide :   | Furnished/Not furnished |
| 3.  | Xerox copy of GST Regd. Certificate:   | Furnished/Not furnished |
| 4.  | Xerox copy of up-to date ITCC.   | Furnished/Not furnished |
| 5.  | Xerox copy of PAN No.  | Furnished/Not furnished |
| 6.  | Agreed to furnish contract Security Deposit :  | Yes/No                  |
| 7.  | Agreed to accept payment terms as per Tender Specification:  | Yes/No                  |
| 8.  | Agreed to adhere completion of work as per the contract:   | Yes/No                  |
| 9.  | Agreed to accept penalty clause as per the tender:   | Yes/No                  |
| 10. | Attach past experience certificate for the similar jobs in OSEB/GRIDCO /OPTCL or any other PSU:                                    | Yes/No                  |
| 11. | Agreed to keep validity of the offer 180 (one eighty) days form the date of tender opening without any variation in tender clause: | Yes/No                  |
| 12. | Xerox copy of PAN card furnished :   | Yes/No                  |
| 13. | Xerox copy of GST registration certificate furnished :   | Yes/No                  |
| 14. | Date of submission of tender: Dated.   |                         |

Date :

Place:

Signature of the Tenderer with seal



**SECTION-VI**

**DETAILED SPECIFICATION SHEET TO BE FURNISHED BY THE TENDERERS**

**N.B: Tenderers has to fill the following information through online**

1. Name of the suppliers with  
Detailed postal address & Phone No.:
2. IS Rating
3. EN Rating
4. NABL Accredited Lab Test : Yes/No
5. Dealer / Supplier/ Distrubutor
6. Colour
7. Make of Fire Extinguisher

**N.B.:TENDERER HAS TO FILL TECHNICAL SPECIFICATION ONLINE IN TECHNICAL BID.**

Date:

Signature of the Tenderer with Seal

Place:

**SECTION-VII (PRICE SCHEDULE)**

**FORMAT OF TENDER BID WITH SPECIFICATION FOR  
TENDER CALL NOTICE No.BAM-012/2023-24**

**N.B.- Tenderers has to fill the price through online in (EXCEL FORMAT) only**

SI No.	Name of the Division	Name of the Circle	Description of work	Unit	Qty.	Rate per Unit	Amount in Rs.
1	E.H.T. (O&M) Division, Chatrapur	EHT (O&M) Circle, Berhampur	Trolley mounted Water Mist Extinguisher cum CAFS (compressed air foam system) low pressure fire fighting system of 50 litre capacity as per specification (attached)	No.	5		
			Water Mist Extinguisher cum CAFS (compressed air foam system) low pressure fire fighting system of 9 litre capacity as per specification (attached)	No.	1		
			Automatic Launcher suitable for 09 KG	No.	15		
			Automatic Launcher suitable for 06 KG	No.	11		
						<u>GST@18</u> %	0.00
						<b>Grand Total:</b>	<b>0.00</b>

**SECTION-VIII**

**[LIST OF ANNEXURES]**

The following schedules and Performa are annexed to this specification and contained in Section-VIII as referred to in the relevant clauses.

1	Declaration form	ANNEXURE-I
2	Abstract of terms and conditions to accompany Section-II of Part-I	ANNEXURE-II
3	Composite Bank Guarantee form for security deposit, payment and performance	ANNEXURE-III
4	Bidders information	ANNEXURE-IV
5	Reverse Auction Process Compliance Form	ANNEXURE-V

**ANNEXURE - I**

**DECLARATION FORM**

To

The General Manager,  
EHT (O&M) Circle  
Berhampur

Sub: - Tender Specification No-\_\_\_\_\_

Sir,

1. Having examined the above specification together with terms & conditions referred to therein \* I/We the undersigned hereby offer **“Supply of different type of Fire Extinguishers required For various Grid Sub-Stations under EHT (O&M) Division, Chatrapur** 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 completed the work 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 favour, \* I/We agree to furnish the Composite B.G. in the manner, acceptable to ODISHA POWER TRANSMISSION CORPORATION LTD., and for the sum as applicable to \*me/us as per clause-11 of section-II of this specification within 15 days of issue of letter of intent/purchase order failing which \*I/We clearly understand that the said letter of Intent/Work order will be liable to be withdrawn by the purchaser, and we will be debar for participating in any Tender floated by GM, EHT (O&M) Circle, Berhampur

Signed this                      day of                      20

**yours faithfully**

**Signature of the Tenderer  
With seal of the company**

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

\* (Strikeout whichever is not applicable).

## ANNEXURE-II

**N.B.:- Tenderers has to fill the abstract of terms and conditions to accompany Section-II of Part-I through online in (EXCEL FORMAT)**

## ANNEXURE-III

### PROFORMA FOR COMPOSITE BANK GUARANTEE FOR SECURITY DEPOSIT PAYMENT AND PERFORMANCE

This Guarantee Bond is executed this \_\_\_\_\_ day of \_\_\_\_\_  
20\_\_ by us the \_\_\_\_\_ Bank at \_\_\_\_\_

P.O. \_\_\_\_\_ P.S. \_\_\_\_\_

District \_\_\_\_\_ State \_\_\_\_\_

1. WHEREAS the ODISHA POWER TRANSMISSION CORPORATION LTD, a body corporate constituted under the Electricity Act, 2003 [hereinafter called "the OPTCL" which shall include its successors and assigns has placed orders No. \_\_\_\_\_ Date \_\_\_\_\_ [hereinafter called "The Agreement"] on M/s. \_\_\_\_\_ [hereinafter called "The Supplier"] which shall include its successors & assigns for supply of materials.

AND WHERE AS the supplier has agreed to supply materials to the OPTCL in terms of the said agreement AND

WHEREAS the OPTCL has agreed [1] to exempt the supplier from making payment of Security [2] to release 100% payment of the cost of materials as per the said agreement and [3] to exempt from performance guarantee on furnishing by the Supplier to the OPTCL, a Composite bank Guarantee of the value of 10 % [ten percent] of the contract price of the said agreement.

NOW THEREFORE, in consideration of the OPTCL having agreed [1] to exempt the Supplier from making payment of Security [2] releasing 100% payment to the Supplier and [3] to exempt from furnishing performance guarantee in terms of the said agreement as aforesaid, we, the \_\_\_\_\_ [Bank] [hereinafter referred to as 'the Bank'] do hereby undertake to pay to the OPTCL an amount not exceeding Rs. \_\_\_\_\_ [Rupees \_\_\_\_\_] against any loss or damage caused to or suffered by or would be caused to or suffered by the OPTCL by reason of any breach by the said Supplier [s] of any of the terms or conditions contained, in the said agreement.

2. We the ( \_\_\_\_\_ Bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demur, merely on demand from the OPTCL stating that the amount claimed is due by way of loss or damage caused to or suffered by the OPTCL by reason of any breach by the said Supplier [s] of any of the terms or conditions, contained in the said agreement or by reason of the supplier's failure to perform the said agreement. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. \_\_\_\_\_ [Rupees \_\_\_\_\_]

3. We the \_\_\_\_\_ Bank} also undertake to pay to the OPTCL any money so demanded notwithstanding any dispute or disputes raised by the supplier [s] in any suit or proceeding instituted/pending before any Court or Tribunal relating thereto our liability under this present being absolute and unequivocal.

The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the Supplier [s] shall have no claim against us for making such payment.

4 We, ( \_\_\_\_\_ Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to do so enforceable till all the dues of the OPTCL under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Chief Managing Director, ODISHA POWER TRANSMISSION CORPORATION LTD. certifies that the terms and conditions of the said agreement have been fully and properly carried out by the said Supplier [s] and accordingly discharges this Guarantee.

Unless a demand or claim under this guarantee is made on us in writing on or before the [Date \_\_\_\_\_], we shall be discharged from all liability under this guarantee thereafter.

5. We,( \_\_\_\_\_ Bank) further agree that the OPTCL shall have the full liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Supplier [s] and we shall not be relieved from our liability by reason of any such variations or extension being granted to the said supplier [s] or for any forbearance, act or omission on the part of the OPTCL or any indulgence by the OPTCL to the said Supplier [s] or by any such matter or thing whatsoever which under the law relating to sureties would but these provisions have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the name , style and constitution of the Bank and supplier [s].

7. We,[ \_\_\_\_\_ Bank] lastly undertake not to revoke this guarantee during its currency except with the previous consent of the OPTCL in writing.

8. We the \_\_\_\_\_ Bank further agree that this guarantee shall also be irrevocable at our place of business at Jajpur Road ( indicate the name of the branch) in the state of ODISHA.

Not with standing anything contained herein.

1. Our liability under this bank guarantee shall not exceed Rs. \_\_\_\_\_ ( Rupees \_\_\_\_\_).

2. The bank guarantee shall be valid up to dt. \_\_\_\_\_.

3. We are liable to pay the guaranteed amount or any part thereof under this bank guarantee only & only if you serve upon us at \_\_\_\_\_ branch at Jajpur Road a written claim or demand on or before dt \_\_\_\_\_.

Dated \_\_\_\_\_ Day of \_\_\_\_\_

For \_\_\_\_\_  
[Indicate the name of Bank]

Witness (Signature, names & address)

**ANNEXURE-IV**

<b>SL NO</b>	<b>The bidder shall furnish general information in the following format</b>	
	<b>NAME OF THE BIDDER</b>	
<b>1</b>	<b>Address:-</b>	
<b>2</b>	<b>City</b>	
<b>3</b>	<b>Pin Code</b>	
<b>4</b>	<b>Contact person's Name :-</b>	
<b>5</b>	<b>Telephone No. office &amp; Residence:-</b>	
<b>6</b>	<b>FAX No:-</b>	
<b>7</b>	<b>EMAIL:-</b>	
<b>8</b>	<b>GOODS &amp; SERVICE TAX REGISTRATION NO.</b>	
<b>9</b>	<b>PAN NO.</b>	

**ANNEXURE - V**

**REVERSE AUCTION PROCESS COMPLIANCE FORM**

To

**The General Manager (EI.)  
EHT(O&M) CIRCLE, OPTCL  
BERHAMPUR**

Sub:- Agreement to the Process related Terms & Conditions for e-Reverse Auction.

Ref: Tender Specification No-

Dear Sir,

This letter is to confirm that:

- The under signed is authorized representative of the company.
- We have studied the Commercial Terms and the Business rules governing the Reverse Auction as mentioned in your tender and confirm our agreement to that.
- We also confirm that we have gone through the auction manual and have understood the functionality of the same thoroughly.
- We, hereby, confirm that we will honour the Bids placed by us during the tendering / e-Reverse auction process as called as e-RA.
- We also confirm that we will accept our Rank / Position that will be displayed when the Bidding Time for the Online Reverse Auction is over.

With regards,

Signature with Designation with company seal name & address  
(Person having power of attorney for the subject package)

**[To be submitted on Letter Head of the bidding firm / company with sign & stamp and along with Technical Bid]**