

Bid Number: GEM/2022/B/2329426

Dated: 08-07-2022

Bid Document

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	Bid Details	
Bid End Date/Time	29-07-2022 14:00:00	
Bid Opening Date/Time 29-07-2022 14:30:00		
Bid Offer Validity (From End Date) 65 (Days)		
Ministry/State Name	Ministry Of Petroleum And Natural Gas	
Department Name	Oil India Limited	
Organisation Name	Oil India Limited	
Office Name	Oil India Limited	
Total Quantity	1	
Item Category	3.3 KV VCB PANEL FOR NEW WATER SUPPLY (4MDG WATER TREATMENT PLANT) (Q3)	
MSE Exemption for Years of Experience and Turnover	No	
Startup Exemption for Years of Experience and Turnover	No	
Document required from seller	Experience Criteria, Bidder Turnover, Certificate (Requested in ATC), OEM Authorization Certificate, Additional Doc 1 (Requested in ATC), Additional Doc 2 (Requested in ATC), Additional Doc 3 (Requested in ATC), Additional Doc 4 (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer	
Bid to RA enabled	No	
Time allowed for Technical Clarifications during technical evaluation	5 Days	
Inspection Required (By Empanelled Inspection Authority / Agencies preregistered with GeM)	Yes	
Inspection to be carried out by Buyers own empanelled agency	Yes	
Type Of Inspection	Stage-wise Inspection	
Name of the Empanelled Inspection Agency/ Authority	Board of Officers	
Payment Timelines	Payments shall be made to the Seller within 30 days of issue of consignee receipt-cum-acceptance certificate (CRAC) and on-line submission of bills (This is in supersession of 10 days time as provided in clause 12 of GeM GTC)	
Evaluation Method	Total value wise evaluation	
בימועמנוטוו ויופנווטם	Total value wise evaluation	

EMD Detail

equired	No
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ePBG Detail

Advisory Bank	HDFC Bank
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	20

(a). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

OIL INDIA LIMITED
MATERIALS DEPARTMENT, DULIAJAN, DIBRUGARH, ASSAM-786602
(Amrit Loushon Bora, Sr Manager Materials)

Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference	No
Mili Purchase Preference	INO

Details of the Competent Authority for MII

Name of Competent Authority	S DHAR
Designation of Competent Authority	US TO GOI
Office / Department / Division of Competent Authority	
CA Approval Number	
Competent Authority Approval Date	26-04-2022
Brief Description of the Approval Granted by Competent Authority	The estimated value of the subject tender is less than Rs. 1 Crore, hence, no Purchase Preference Policy shall be applicable against this tender.

Competent Authority Approval for not opting Make In India Preference : View Document

MSE Purchase Preference

MSE Purchase Preference	Yes

1. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned

Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer)of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 100%(selected by Buyer) percentage of total OUANTITY.

${\bf 2.\ Inspection\ of\ Stores\ by\ Nominated\ Inspection\ Authority\ /\ Agency\ of\ buyer\ or\ their}$ authorized representatives

An independent third party Professional Inspection Body can help buyer in mitigating buyer's risk with predispatch/post-dispatch inspection in order to ensure that equipment, components, solutions and documentation conform to contractual requirements. The buyer has a right to inspect goods in reasonable manner and within reasonable time at any reasonable place as indicated in contract. Inspection Fee/ Charges (as pre-greed between buyer and Inspection Agency) would be borne by the buyer as per their internal arrangement but may be recovered from the seller if the consignment failed to conform to contractual specification and got rejected by the Inspection Officer .If so requested and accepted by the seller , initially seller may pay for inspection charges as applicable and get the same reimbursed from buyer if consignment accepted by the Inspecting Officer . For reimbursement seller has to submit proof of payment to Inspection Agency.

Seller/OEM shall send a notice in writing / e-mail to the Inspecting officer / inspection agency specifying the place of inspection as per contract and the Inspecting officer shall on receipt of such notice notify to the seller the date and time when the stores would be inspected. The seller shall, at his own expenses, afford to the Inspecting officer, all reasonable facilities as may be necessary for satisfying himself that the stores are being and or have been manufactured in accordance with the technical particulars governing the supply. The decision of the purchaser representative /inspection authority regarding acceptance / rejection of consignment shall be final and binding on the seller.

The Seller shall provide, without any extra charge, all materials, tools, labour and assistance of every kind which the Inspecting officer may demand of him for any test, and examination, other than special or independent test, which he shall require to be made on the seller's premises and the seller shall bear and pay all costs attendant thereon.

The seller shall also provide and deliver store / sample from consignment under inspection free of charge at any such place other than his premises as the Inspecting officer may specify for acceptance tests for which seller/OEM does not have the facilities or for special/ independent tests.

In the event of rejection of stores or any part thereof by the Inspecting officer basis testing outside owing to lack of test facility at sellers premises, the seller shall, on demand, pay to the buyer the costs incurred in the inspection and/or test. Cost of test shall be assessed at the rate charged by the Laboratory to private persons for similar work.

Inspector shall have the right to put all the stores or materials forming part of the same or any part thereof to such tests as he may like fit and proper as per QAP/governing specification. The seller shall not be entitled to object on any ground whatsoever to the method of testing adopted by the Inspecting officer.

Unless otherwise provided for in the contract, the quantity of the stores or materials expended in test will be borne by seller.

Inspecting officer is the Final Authority to Certify Performance / accept the consignment. The Inspecting officer's decision as regards the rejection shall be final and binding on the seller.

The seller shall if so required at his own expense shall mark or permit the Inspecting officer to mark all the approved stores with a recognised Government or purchaser's mark.

3.3 KV VCB PANEL FOR NEW WATER SUPPLY (4MDG WATER TREATMENT PLANT) (1 pieces)

Brand Type	Unbranded

Technical Specifications

Buyer Specification Document	<u>Download</u>

Installation Commissioning and Testing (ICT) details for the above item:

% of Product Cost Payable on Product Delivery	80%
Min Cost Allocation for ICT as a % of product cost	10%
Number of days allowed for ICT after site readiness communication to seller	45 Days

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporti ng Officer	Address	Quantity	Delivery Days
1	Chandana Phukan	786602,Oil India Limited, Duliajan, Assam	1	90

Buyer Added Bid Specific Terms and Conditions

1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

2. Generic

Bidder financial standing: The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

3. Generic

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

4. Generic

Buyer Organization specific Integrity Pact shall have to be complied by all bidders. Bidders shall have to upload scanned copy of signed integrity pact as per Buyer organizations policy along with bid. Click here to view the file

5. Generic

Bidder shall submit the following documents along with their bid for Vendor Code Creation:

- a. Copy of PAN Card.
- b. Copy of GSTIN.
- c. Copy of Cancelled Cheque.
- d. Copy of EFT Mandate duly certified by Bank.

6. Generic

Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.

7. Generic

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

8. Generic

Upload Manufacturer authorization: Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.

9. Generic

Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:

- i) The Seller fails to comply with any material term of the Contract.
- ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
- iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
- iv) The Seller becomes bankrupt or goes into liquidation.
- v) The Seller makes a general assignment for the benefit of creditors.
- vi) A receiver is appointed for any substantial property owned by the Seller.
- vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.

10. Generic

While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.

11. Scope of Supply

Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

12. Purchase Preference (Centre)

Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 100% of total value.

13. Warranty

Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity/restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and/or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents/clauses shall also be null and void. If any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations. Also, GeM does not permit collection of Tender fee / Auction fee in case of Bids / Forward Auction as the case may be. Any stipulation by the Buyer seeking payment of Tender Fee / Auction fee through ATC clauses would be treated as null and void.

This Bid is also governed by the General Terms and Conditions

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---Thank You---

SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF 3.3 KV VCB PANEL FOR NEW WATER SUPPLY (4MDG WATER TREATMENT PLANT):

Requirement: 3.3 kV switchgear panel comprising of 11 nos. of indoor type VCB panel, suitable for solidly grounded system, fully factory built and assembled for direct installation. The panels should be designed, manufactured and tested in accordance with relevant IS/IEC with latest amendment. The panel should be supplied from manufacturer factory only. Inspection of board will be done at manufacturer's factory.

A) <u>SITE CONDITION</u>:

a) Maximum temperature: 45 degree celciusb) Minimum temperature: 5 degree celciusc) Relative Humidity: More than 90 %

d) Site elevation: 121 m

B) <u>CONSTRUCTION</u>:

The VCB (cubicle and circuit breaker) panel should be made of steel clad, free standing, dust and vermin proof and horizontal isolation horizontal draw out, compartmentalized type, indoor switch board in standard execution with VCB.

The draw out type circuit breaker cubicles should be fabricated using high quality CRGA/GI steel sheet/Aluminium material as per standard. The sheet metal should be given minimum nine tank anti corrosion treatment & then powder coated colour - SIEMENS GREY.

The total metal enclosed panel shall be compartmentalized with internal positioning by insulated material of epoxy- reinforced fiberglass to constitute the following distinct compartment:

- Bus bar compartment
- Circuit breaker compartment
- Cable compartment
- Low voltage equipment compartment

C) EACH INCOMER & OUTGOING PANEL SHALL HAVE:

i) Circuit breaker and CT compartment:

The circuit breaker should be totally enclosed & fully interlocked, front open type, horizontal draw out, horizontal isolation type breaker (as per IS:13118/IEC 62271-100 as amended up to date), single break, trip free mechanism, electrically and manually spring charged and auto/manually closing breaker suitable for use on 3.3 kV, 3 phase, 50 Hz AC. with minimum

short circuit fault level of 31.5 kA for 3 sec. complete with rack in and rack out mechanism. Panel shall be complete with plugs and sockets, mechanical inter-locks and safety shutter. The circuit breaker panel shall have minimum of 6 NO+6 NC auxiliary contacts directly operated by the breaker. The circuit breaker drive mechanism shall be provided with facility for pad locking at any position namely "SERVICE", "TEST" and "ISOLATED". The front door shall have view glass to facilitate observation of mechanical ON/OFF indication and operation counter.

The CT in the incoming and outgoing feeder cable compartment shall be in the rear. The LT control cable terminal arrangement shall be provided in the rear side in a separate box so as to have isolation from high voltage terminals. All the cable entry plates shall have removable gland plates. The CT required for metering and protection shall be as per IS-2705 (as amended up to date) & IS-4201 (as amended up to date) and shall be of adequate size and its insulation will be epoxy cast resin type.

ii) Relays & metering compartment (LT compartment):

The LT chamber of suitable height shall be positioned on the top of the panel & at the front keeping the door height of proposed location in consideration. Protective relays, measuring equipment and auxiliary controls along with the switches and indications are to be accommodated on the LT chamber. Three nos. of bright steel hinges shall be used on front door with door opening limited to 135 degree (approx.). All devices in the LT box are to be marked with permanent labels. Panel ratings shall be provided on the door.

Control wiring & CT wiring shall be done with single core, PVC insulated, FRLS, stranded copper cable of 1100 v grade and 2.5 sq.mm size. All cable and wires shall be numbered with suitable ferrules. Suitable lugs shall be used for control wiring & ring type lugs shall be used for CT wiring. All wires should terminate on suitable terminal boxes (TBs). All TBs shall have minimum 10 % spare terminals. Additionally, spare signal control plugs to be provided. TBs shall be marked. Reinforced flexible conduit shall be used for exposed wires & PVC spiral cable shall be provided on the door hinges in LT box (PVC spiral cable should not restrict the movement of the door). Colour coding of control cables shall be as per IS-694 (As amended up to date)

iii) Panel metering & Indication equipment:

Digital multifunction energy meter with accuracy class 1 to be provided for Incomer 1 & 2 and 5 nos. of motor feeder. Meter shall display basic minimum electrical parameters of power distribution system. (V, I, energy consumption in KW, KVAR, etc.)

Following indications shall be available:

LED type indication lamp in each panel for :

- a) CB close
- b) CB open

- c) Trip on fault
- d) Trip circuit healthy
- e) Spring charged
- f) Breaker in service position
- g) Breaker in test position

All LEDs shall be LVGP (low voltage glow protection) & industrial type.

iv) Closing & tripping:

Breakers should be able to operate in following ways:

a) Manually: Spring charging, closing and tripping.

b) Electrically: Spring charging, closing & tripping.

c) Shunt trip coil: 24 V DCd) Closing coil: 24 V DC

v) Panel space heaters:

The panel shall be provided with 2 nos. of space heaters of adequate size considering the operating condition mentioned under "Site Condition" in each cubicle (CB cubicle & cable termination cubicle) and adjustable thermostats of suitable rating for heater temperature monitoring along with protective HRC fuses and ON/OFF switch.

vi) Operation indication/Operation counter:

The front door of each breaker panel shall have window/windows to facilitate observation of the following:

- a) Spring charged/Discharged indication,
- b) Mechanical ON/OFF indication &
- c) Operation counter

vii) Cubicle illumination: 01 nos. of lamp (LED) in each cubicle shall be provided along with switch.

viii) Safety Interlock:

The following minimum safety devices shall be provided to ensure the safety of operating personnel:

- a) 2 out of 3 interlock between Incomer-1, 2 & Bus-coupler must be ensured.
- b) Individual explosion vents for bus bars/breaker/cable and CT chambers on the top/side of the panel to let out the gases under pressure generated during unlikely event of a fault inside the panel.
- c) Cubicle with front door/panel pressure tested for arc faults.
- d) CB and metal enclosure earthed in accordance with relevant IS/IEC.

- e) Self-operated shutters, shielding live fixed contacts, shall be provided which closes automatically when truck is withdrawn to test position.
- f) Breakers shall not be moved in "ON" condition from SERVICE to TEST position & vice versa.
- g) The CB cannot be switched "ON" when the truck is in any position between TEST & SERVICE position.
- h) All nut & bolts used inside the panel should be of high tensile, bright zinc plated, hexagonal headed, metric size, manufactured to DIN-931 of steel, tensile strength as per standard, coarse threaded with two nos. bright zinc platted flat & spring washers.
- i) Lifting hooks shall be provided for the panels.
- j) Panel markings at front and rear side of the door.
- k) Rear door could not be opened when VCB is in SERVICE position and can be opened only when the VCB is in TEST position.
- I) Anti-pumping relay

The switchgear panel shall have the following identification marking in a permanent manner:

- a) Panel name both in front & rear Side.
- b) Caution boards conforming to IS-2552 (as amended up to date) both in front and rear sides
- c) CT specification name plate on CT & at panel cover at rear.
- d) Incoming & outgoing feeders.

The markings and identifications of conductors, apparatus terminals shall be as per IS-5578 (as amended up to date) & IS 11353 (as amended up to date).

ix) Cable terminal box:

Cable chamber with termination links for termination of incoming and outgoing 3.3 kV grade cables should be provided in the rear side of the unit. Each rear cable chamber should be of suitable size for safe entry of one no. of incoming cable. Link rating shall be 630 Amps(min). Cable chamber shall have proper connection terminal for 3x240 sq.mm XLPE, 3.3 kV cable (cable entry from bottom side) with heat shrinkable jointing kit.

D) BUS BAR COMPARTMENT:

3 nos. of bus bar to be used of capacity 1000 Amps. Bus bar shall be rectangular in cross section and made from electrolytic grade electro tinned copper having 99.99 % high conductivity. Heat shrinkable sleeve insulation of 3.3 kV voltage grade should be provided on the bus bar, its risers & connections and shall be marked in different colour codes for identification of three different phases (R, Y, B). Thickness of bus-bar sleeve shall be as per standard & shall be made of Raychem 3.3 kV grade or similar type.

Cast epoxy insulator supports for bus-bar & cable termination links designed to withstand full short circuit current at specified fault level for 3 seconds shall be provided. Busbar arrangement should be such that in future similar cubicles can be connected with this cubicle.

E) INCOMING FEEDER:

2 nos. of 400A, 3.3 kV VCB floor rolling with minimum short circuit fault level of 31.5 kA for 3 sec.

Following protections are to be used in the incomer feeder:

- a) Microprocessor based numerical relay against O/C, E/F protection. Relay should store minimum 5 fault records.
- b) Cast resin three core CTs are to be used. Details are as follows:

Core 1 (Metering): 400-200/5 A, Class 1, 5 VA Core 2 (Protection): 400-200/5 A, 5P10, 5 VA

F) TRANSFORMER FEEDER:

2 nos. of 400 A, 3.3 kV VCB with minimum short circuit fault level of 31.5 kA for 3 sec. Details of two no of transformers are as follows:

Rating: 500 kVA

Voltage ratio: 3.3/0.415 kV Vector Group: Dyn11 Type of cooling: ONAN

Following protections are to be provided ----

- a) Microprocessor based numerical relay against O/C, E/F protection. Relay should store minimum 5 fault records
- b) Cast resin dual core CTs are to be used. Details are as follows:

Core 1 (Metering): 100-50/5 A, Class 1, 5 VA Core 2 (Protection): 100-50/5 A, 5P10, 5 VA

- c) Feeder should have the following relays:
 - Buchholz relay
 - WTI trip
 - OTI trip

G) MOTOR FEEDERS:

5 nos. of 400A, 3.3 kV VCB with minimum short circuit fault level of 31.5 kA for 3 sec. Following protections are to be provided ----

- a) Microprocessor based numerical relay to be used for the following protection:
 - 1) Thermal overload,
 - 2) Short circuit,
 - 3) Lock rotor,
 - 4) Negative Phase Sequence
 - 5) O/C protection
 - 6) E/F protection.

Relay should store minimum 5 fault records & should have facility to access fault record data for analysis.

b) Cast resin dual core CTs are to be used. Details are as follows:

Core 1 (Metering): 200-100/5 A, Class 1, 5 VA Core 2 (Protection): 200-100/5 A, 5P10, 5 VA

- c) Each motor feeder must have energy meter to monitor the energy consumption (KW, KVAR, etc.) including cumulative count of energy consumption since commissioning of each motor.
- d) Provision should be given for remote controlling of breakers with the help of a PBS (Push button switch) by plant operator.

Note: Above motor feeders will feed power to 3.3 kV, 380 HP induction motors. These motors are of continuous duty cycle.

H) BUS COUPLER:

1 nos. of 400 A, 3.3 kV VCB with short circuit fault level of 31.5 kA for 3 sec.

Bus coupler shall have:

- a) Microprocessor based numerical relay against O/C, E/F protection. Relay should store minimum 5 fault.
- b) 3 nos. of LED showing R, Y, B voltage.
- c) Breaker On, OFF, Trip indicating light
- d) Breaker in SERVICE/TEST position Indication lamp
- e) 16 Amp "T-N-C" switch for ON/OFF of VCB required.
- f) Cast resin of dual core 3 CTS (for 3-phase), details as under:
 - Core-1(Metering): 400-200/5 A, Class -1, 5 VA
 - Core-2(protection): 400-200/5 A, 5P10, 5 VA

I) POTENTIAL TRANSFORMER:

The potential or voltage transformers shall be cast resin type and shall conform to IS: 3156. The potential transformers shall be draw out type and shall be provided with fuses on primary side and MCB/Fuses on secondary side.

The draw out mechanism shall disconnect the PT from the main bus bars. The primary connection shall be disconnected before the PT or its primary fuses become accessible. Neutral point of the star connected PTs both on primary and secondary sides shall be earthed. The PTs shall have an over voltage factor of 1.9 for 30 seconds and an accuracy of class 1.0 from 10% to 120% of normal voltage. If not otherwise specified, the secondary voltage of PTs shall be 110 V. Provision to be given to tap power from PT to energise Relays in case of emergency.

J) INSPECTION AT MANUFACTURER FACTORY:

Manufacturer will intimate OIL 15 days prior for inspection of the panel at manufacturer's workshop. Following test has to be carried out:

- a) Physical dimension verification
- b) Functional testing of the panel
- c) Insulation testing of the panel
- d) Correctness of the CT ratio, Wiring & polarity
- f) High voltage testing of the panel
- g) High voltage testing of the control panel
- h) Primary/secondary injection test of the panel

After completion of inspection, final inspection report comprising of all above test results must be provided alongwith supply.

Manufacturer/bidder shall facilitate above inspections without any cost to OIL. However, Cost of travel, accommodation and other expenses of OIL's inspection team will be borne by OIL.

K) INSTALLATION & COMMISIONING:

Installation & commissioning of the 3.3 KV HT panel will be done by the successful bidder at OIL's SITE (4MGD Water Treatment Plant Substation, Tipling, Duliajan, Assam-786602). Detailed scope of work for installation/commissioning is as under:

- 1.0 Installation of the equipment at the site has to be done by the successful bidder. Bidder(s) must undertake the same in their technical bid.
- 2.0 Bidder(s) shall confirm that the jobs shall be carried out under the direct supervision of an Engineer/an electrical supervisor holding a valid Electrical Supervisor's Certificate of Competency.

- 3.0 The successful bidder shall obtain permit to work from OIL's Engineer In-charge before taking up installation and commissioning works. All the testing & commissioning jobs have to be done after getting approval from OIL only.
- 4.0 Installation of the panels has to be done in the existing sub-station of OIL (Layout diagram & existing SLD Annexure-IA).
- 5.0 Pre-Commissioning Checks and Tests:

After installation of the panels at site, prior to commissioning, the following checks and tests shall be carried out on equipment and systems. These shall be carried out in accordance with relevant standards, codes of practices published by the Bureau of Indian Standards and manufacturers recommendations.

- a) Pre-Commissioning Checks:
 - i. Physical inspection for damages and external defects of the panels- and its accessories.
 - ii. Check for proper fixing on foundation and tightness of foundation bolts.
- b) Testing- All routine tests as per corresponding IS or parts thereof shall be done at site in presence of OIL's Engineer In-charge or his representative.
- 6.0 The successful bidder shall arrange the minimum instruments required for testing at site.
- 7.0 All power cable connections have to be done by the successful bidder. However the necessary cables & termination kits shall be provided by OIL.
- 8.0 The successful bidder will be responsible for connection of supplied relays, checking of tripping / closing circuits of respective circuit breakers.
- 9.0 Tools and Instruments: The testing & commissioning work should be performed using tools designed and approved for the purpose. The successful bidder shall arrange all the related tools & instruments for commissioning of the equipment.
- 10.0 Codes and specifications: All electrical works for testing & commissioning shall be carried out in compliance with latest Indian Standard specifications and Indian Electricity Acts and National Electric Code in force.
- 11.0 No temporary electrical wiring shall be done by the successful bidder during testing & commissioning without the permission of OIL's Engineer In-Charge.

- 12.0 The installation & commissioning of the panels shall be considered as complete with the submission of the commissioning test records, operating & maintenance manuals, spares list of the panels etc. to OIL.
- 13.0 Power supply required to carry out I&C will be provided by OIL at 415 V or 230 V or 110 VDC as required.
- 14.0 Welding & cutting service will be provided by OIL.
- 15.0 Any other additional jobs/items/equipment/tools not mentioned above but required for installation & commissioning must be arranged by the supplier only.
- 16.0 Safety of concerned personnel deputed during I&C of 3.3KV panels at New Water Supply (Duliajan, Assam) shall be in the scope of supplier/bidder.
- 17.0 The successful bidder shall ensure use of proper PPEs by their representatives at all times & use suitable permits issued by OIL's engineer in charge or other concerned engineers. Further bidder shall at all times safety practices followed by OIL during entire period of installation & commissioning.
- 18.0 Work (installation & commissioning) may be stopped by OIL's engineer in-charge on violation of safety norms.
- 19.0 Bidder(s) must quote for installation/commissioning charges separately. All charges including to and fro fares, boarding/lodging, local transport at Duliajan, Assam, and other expenses of the Supplier's personnel during their stay at Duliajan shall be under the Supplier's scope.

L) SPECIAL NOTES TO BIDDERS:

- 1.0 All draw out type VCB should come out on the floor directly when racked out from the panel. Separate VCB lifting truck will not be acceptable.
- 2.0 Bidder shall provide Type test certificate (not older than 05 years from the original bid closing date) of the offered product or similar type of panel with voltage 3.3 kV or more from any Govt. authorized Agency. Bidder(s) must submit the Type test certificate alongwith their technical bid.
- 3.0 The panel should be supplied from manufacturer factory only. Inspection of board will be done at manufacturer's factory.
- 4.0 Single line diagram of our existing system is attached with this tender for your ready reference.

- 5.0 Dispatch clearance will be given by OIL representative only after successfully testing the panel & complete satisfaction of the engineer concerned.
- 6.0 Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods, at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period.
- 7.0 Timelines for delivery, site clearance and installation/commissioning: Bidder(s) must confirm in their technical bid that the items will be supplied within **90 days** from the date of placement of purchase order through GeM portal. After receipt of goods, OIL will issue intimation to the successful bidder regarding site clearance and installation & commissioning of the supplied goods. Such intimation will be issued to the seller within 45 days from receipt of goods. The seller will complete the installation/commissioning job in all respect within 45 days from the date of site clearance. Bidder must confirm acceptance of above timelines in their technical bid.

ANNEXURE-II

A) GENERAL NOTES TO BIDDERS:

SL No.	Bid Requirement	Bidder's Response (Complied/Not Complied. Reference to any document attached along with the bid)
1.0	Bidders shall submit their offer mentioning pointwise compliance / non-compliance to all the terms & conditions, BEC/BRC, Specifications etc. Any deviation(s) from the tender terms & conditions, BEC/BRC, Specifications etc. should be clearly highlighted specifying justification in support of deviation.	
2.0	Bidders are requested to examine all instructions, forms, terms and specifications in the bid. Failure to furnish all information required as per the bid or submission of offers not substantially responsive to the bid in every respect will be at the bidders risk and may result in the rejection of its offer without seeking any clarifications.	
3.0	Categorization and various Criteria applicable to MSE bidders shall be guided by the Gazette NotificationNo.CG-DL-E-26062020-220191 dated 26.06.2020 and Amendment vide Gazette Notification no. CG-DLE-16062021-227649 dated 16th June, 2021 issued by Ministry of MICRO, SMALL AND MEDIUM ENTERPRISES. The existing enterprises registered under EM- Part-II or UAM till 30th June, 2020 shall continue to be valid only for a period upto the 30 th June, 2022.	
	The bidder claiming as MSE status (MSE-General, MSE-SCIST, MSE -Woman) against this tender has to submit the following documents for availing the benefits applicable to MSEs:	
	Udyam Registration Number with Udyam Registration Certificate. OR	
	Proof of registration with District Industry Centers or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or Udyog Aadhar registration or registration with any other body specified by Ministry of MSME.	
	Note: In case bidding MSE is owned by Schedule Caste or Schedule Tribe entrepreneur or Woman Entrepreneur, valid documentary evidence issued by the agency who has registered the bidder as MSE owned by SC/ST entrepreneur/ Woman Entrepreneurs should also be enclosed.	
4.0	Ministry of Finance of Govt. of India, Department of Expenditure, Public procurement Division vide office memorandum F. No. 6/18/2019-PPD dated 23rd July, 2020(order-Public Procurement no.1) has proclaimed the insertion of Rule 144 (xi) in the General Financial Rules (GFRs), 2017 w.e.f. 23rd July, 2020 regarding restrictions on procurement from a bidder of a country which shares a land border with India on the grounds of defence of India on matters directly or indirectly related thereto including national security. Bidders are requested to take note of the office memorandum and submit their offers accordingly, wherever applicable.	

5.0 TAX COLLECTIBLE AT SOURCE (TCS): Tax Collectible at Source (TCS) applicable under the Income-tax Law and charged by the SUPPLIER shall also be payable by OIL along with consideration for procurement of goods/materials/ equipment. If TCS is collected by the SUPPLIER, a TCS certificate in prescribed Form shall be issued by the SUPPLIER to OIL within the statutory time limit. Payment towards applicable TCS u/s 206C (IH) of Income Tax Act, 1961 will be made to the supplier provided they are claiming it in their invoice and on submission of following undertaking along with the invoice stating that: a) TCS is applicable on supply of goods invoiced to OIL as turnover of the supplier in previous year was more than Rs. 10 Cr. and b) Total supply of goods to OIL in FY....... (As applicable) exceeds Rs. 50 Lakh and c) TCS as charged in the invoice has already been deposited (duly indicating the details such as challan No. and date) or would be deposited with Exchequer on or before the due date and d) TCS certificate as provided in the Income Tax Act will be issued to OIL in time. However, Performance Security deposit will be released only after the TCS certificate for the amount of tax collected is provided to OIL. Supplier will extend the performance bank guarantee (PBG), wherever required, till the receipt of TCS certificate or else the same will be forfeited to the extent of amount of TCS, if all other conditions of Purchase order are fulfilled. d) The above payment condition is applicable only for release of TCS amount charged by supplier u/s 206C (I H) of Income tax Act, 1961. 6.0 APPLICABILITY OF BANNING POLICY OF OIL INDIA LIMITED: Banning Policy as per revised guidelines of banning/debarment vide OM no. F.1/20/2018-PPD dated 02.11.2021 issued by Department of Expenditure, Ministry of Finance, Govt of India will be applicable against the tender (and order in case of award) to deal with any agency (bidder/contractor/supplier/vendor/service provider) who commits deception, default, fraud or indulged in other misconduct of whatsoever nature in the tendering process and/or order execution processes. The bidders who are on Holiday/Banning/Suspension list of OIL on due date of submission of bid/ during the process of evaluation of the bids, the offers of such bidders shall not be considered for bid opening/evaluation/award. If the bidding documents were issued inadvertently/downloaded from website, the offers submitted by such bidders shall also not be considered for bid opening/evaluation/Award of Work. 7.0 At any time prior to the deadline for submission of bids, the Company may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the tender Documents through issuance of Corrigendum(s)/Addendum(s). Bidders are expected to take the Corrigendum(s)/ Addendum(s) into account in preparation and submission of their bid. No separate intimation for Corrigendum(s)/Addendum(s) published by OIL shall be sent to the Bidders. 8.0 The tender document includes the following: Annexure – I : Technical Specification & Notes to bidders Annexure – II: General Notes to Bidders Annexure – III: Bid Rejection Criteria / Bid Evaluation Criteria Bidder(s) must submit their offer in compliance to this GeM Tender including GeM General Terms & Conditions and all above mentioned Annexures.

9.0	The tender has been floated in GeM portal under Single Stage Two Bid System. Therefore, bidder must not disclose their prices in their technical offer. The technical bid shall contain all techno-commercial details except the prices/costs. Bidder must note that disclosure of price in technical bids shall lead to rejection of the offer.	
10.0	At any time prior to the deadline for submission of bids, the Company may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the tender Documents through issuance of Corrigendum(s) /Addendum(s). Bidders are expected to take the Corrigendum(s) /Addendum(s) into account in preparation and submission of their bid. No separate intimation for Corrigendum(s)/Addendum(s) published by OIL shall be sent to the Bidders.	
11.0	The Integrity Pact is applicable against this tender. OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide PROFORMA-IP of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL's competent signatory. The proforma has to be returned by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder's authorized signatory who sign the Bid. If any bidder refuses to sign Integrity Pact or declines to submit Integrity Pact with the offer, their bid shall be rejected straightway.	
	OIL's Independent External Monitors at present are as under:	
	SHRI RUDHRA GANGADHARAN, IAS (Retd.),	
	Ex-Secretary, Ministry of Agriculture	
	E-Mail ID: rudhra.gangadharan@gmail.com	
	SHRI SUTANU BEHURIA, IAS (Retd.),	
	E-mail ID: sutanu2911@gmail.com	
	SHRI OM PRAKASH SINGH, IPS (Retd.),,	
	Former DGP, Uttar Pradesh	
	E-mail: Ops2020@rediffmail.com	
	In case of a joint venture, all the partners of the joint venture should sign the Integrity Pact. In the event of any dispute between the management and the contractor relating to those contracts where Integrity Pact is applicable, in case, both the parties are agreeable, they may try to settle dispute through mediation before the panel of IEMs in a time bound manner. If required, the organizations may adopt any mediation rules for this purpose. In case, the dispute remains unresolved even after mediation by the panel of IEMs, the organisation may take further action as per the terms and conditions of the contract.	

12.0	Submission of Performance Security:
	The successful bidder will submit the performance security (if applicable) in the form
	of Bank Guarantee within 15 days of award of contract on GeM. The Bank Guarantee
	issued by the Bank must be routed through SFMS platform as per following details:
	(i) MT760/MT760COV for issuance of Bank Guarantee
	(i) MT760/MT760COV for issuance of Bank Guarantee (ii) MT 760/MT767COV for amendment of Bank Guarantee
	(ii) Wit 700/Wit707COV for amendment of Bank Guarantee
	The above message / intimation shall be sent through SFMS by the BG issuing Bank
	branch to HDFC Bank, Duliajan Branch, IFS Code-HDFC0002118; SWIFT Code-
	HDFCINBBCAL. Branch Address: HDFC Bank Limited, Duliajan Branch, Utopia Complex,
	BOC Gate, Jayanagar, Duliajan, Dibrugarh, PIN-786602.
	The vendor shall submit to OIL the copy of the SFMS message as sent by the issuing
	bank branch alongwith the original bank guarantee.
13.0	All the Goods or Services in the GeM shall be offered on Free Delivery at Site basis
	including freight, insurance, loading and unloading.
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14.0	Bid validity: As per tender BBG Mill be a basily of a second and it is 15 days from a basily of a second and it. BBG Mill be a basily of a second and
	PBG: Will be submitted as per tender within 15 days from placement of order in
	case of award.
	 Delivery period: As per tender Payment terms: As per tender
	 Payment terms: As per tender Exception / Deviation : Nil
	Warranty: As per tender
	Packing, forwarding: Included as required in the tender.
	Transportation & transit insurance upto destination: Included as required in the
	tender.
	 Loading & unloading at site: Included as required in the tender.
	GeM General Terms & Conditions: Acceptable
	Series Series & Germanor Acceptance
	Bidder must confirm compliance as mentioned above in toto. Exception/Deviation to
	above terms & conditions are not acceptable.

ANNEXURE-III

BID EVALUATION / REJECTION CRITERIA:

The bids shall conform to the specifications and terms & conditions given in the Tender. Bids shall be rejected in case the items offered do not conform to the required parameters stipulated in the technical specifications and to the relevant international/national standards wherever stipulated. Notwithstanding the general conformity of the bids to the stipulated specifications and terms & conditions, the following requirements must be particularly met by the bidders, without which the offer shall be considered as non-responsive and rejected. All the documents related to BEC shall be submitted along with the technical bid.

SI. No.	Bid Requiren	nent	Bidder's Response (Complied/Not Complied. Reference to any document attached along with the bid)
A.1:	TECHNICAL		
1.0	or authorized Equipment N	be an Original Equipment Manufacturer (OEM) of the offered item d dealer / selling agent / distributor / supply house of any Original Manufacturer (OEM) of the offered item.	
	house of any submit vali manufacture bid. This cert	bidder is authorized dealer / selling agent / distributor / supply / Original Equipment Manufacturer (OEM), then the bidder must id authorization certificate from the manufacturer (on er's letter head with signature & stamp) along with the technical tificate should be valid at the time of bidding and should remain the entire execution period of the order.	
2.0	type of HT pa Listed Public	hould have successfully executed an order for atleast 1 No. similar anel (3.3 KV or higher) to any Government organisations/ PSUs / Limited Company in India during last 05 (five) years as on original ate of the tender.	
	technical bid	must submit following documentary evidences alongwith their I to substantiate above experience records of the Bidder, failing d shall be treated as incomplete and rejected:	
	a)	Copy of Purchase order(s)/contract(s) awarded by Client(s),	
		AND	
	(b)	Any one or combination of the following documents that confirms the successful execution of each of the purchase order(s) / contract(s) :-	
		Performance / Commissioning Certificate issued on client's letterhead with signature and stamp OR Copy of Consignee delivery receipts/challans	

	OR Copy of Tax Invoice/Excise Gate Pass issued under relevant Act/rules
	OR
	Copy of Commercial Invoice/Payment Certificate
No	ote:
a)	The Contract(s) / Purchase Order(s) date need not be within 5 (five) years preceding the original bid closing date of this tender. However, the execution of supply should be within 5 (five) years preceding original bid closing date of this tender.
b)	Original Bid Closing Date shall be considered by OIL for evaluation of BRC Criteria in case of any extension of the bid closing date.
c)	Originals of documentary evidence are to be produced for verification on demand of OIL.
d)	A job executed by a bidder for its own organization / subsidiary cannot be considered as experience for the purpose of meeting BEC.

A.2: F	A.2: FINANCIAL	
1.0	The bidder shall have an annual financial turnover of minimum Rs. 49.47 Lakh during any of the preceding 3 (Three) financial/accounting years reckoned from the original bid closing date of the tender.	
2.0	"Net Worth" of the bidder should be positive for the financial / accounting year just preceding to the original bid closing date of the tender.	
3.0	Considering the time required for preparation of Financial Statements, if the last date of preceding financial / accounting year falls within the preceding six months reckoned from the original bid closing date and the Financial Statements of the preceding financial / accounting year are not available with the bidder, then the financial turnover of the previous three financial / accounting years excluding the preceding financial / accounting year will be considered. In such cases, the Net worth of the previous financial / accounting year excluding the preceding financial / accounting year will be considered. However, the bidder has to submit an affidavit/undertaking (refer PROFORMA-1) certifying that 'the balance sheet/Financial Statements for the financial year (As the case may be) has actually not been audited so far'.	

Note: a) For proof of Annual Turnover & Net worth any one of the following document must be submitted along with the bid:- i) A certificate issued by a practicing Chartered/Cost Accountant (with Membership Number and Firm Registration Number), certifying the Annual turnover & Net worth as per format prescribed in PROFORMA – 2. OR ii) Audited Balance Sheet along with Profit & Loss account. b) In case the bidder is a Central Govt. Organization/PSU/State Govt. Organization/Semi-State Govt. Organization or any other Central/State Govt. Undertaking, where the auditor is appointed only after the approval of Comptroller and Auditor General of India and the Central Government, their certificates may be accepted even though FRN is not available. However, bidder to provide documentary evidence for the same.	
In case the Bidder is subsidiary company (should be 100% owned subsidiary of the parent/ultimate parent/holding company) who does not meet financial criteria by itself and submits its bid based on the strength of parent/ ultimate parent/ holding company, then following documents need to be submitted:	

- i) Turnover of the parent/ ultimate parent/ holding company should be inline with requirement.
- ii) Net Worth of the parent/ultimate parent/ holding company should be positive in line with the requirement.

4.0

- iii) Corporate Guarantee (as per **PROFORMA-3**) on parent / ultimate parent / holding company's company letter head signed by an authorised official undertaking that they would financially support their wholly owned subsidiary company for executing the project/ job in case the same is awarded to them.
- iv) Document of subsidiary company being 100% owned subsidiary of the parent/ ultimate parent/ holding company.

PROFORMA-1

FORMAT FOR CERTIFICATE OF COMPLIANCE OF FINANCIAL CRITERIA

Ref: Financial Criteria of the BEC	
Tender No.:	
I the auti	horized signatory(s) of(Company or firm name with
The balance sheet/Financial Statements for not been audited as on the Original Bid clo	or the financial year <u>2021-2022</u> (as the case may be) has actually osing Date.
Place : Date :	Signature of the authorized signatory

Note: This certificate is to be issued only considering the time required for preparation of Financial Statements i.e. if the last date of preceding financial / accounting year falls within the preceding six months reckoned from the original bid closing date.

PROFORMA-2

CERTIFICATE OF ANNUAL TURNOVER & NET WORTH

TO BE ISSUED BY PRACTISING CHARTARD ACCOUNTANTS' FIRM ON THEIR LETTER HEAD				
TO WHOM IT MAY CONCERN				
M/s(Name of the bidder) for the last three (3) completed accounting years				
YEAR	TURN OVER In INR (Rs.) Crores	NET WORTH In INR (Rs.) Crores		
Place:				
Date:				
Seal				
Membership No:				
Signature				

NOTE: As per the guidelines of ICAI, every practicing CA is required to mention Unique Document Identification Number (UDIN) against each certification work done by them. Documents certified by CA without UDIN shall not be acceptable.

PROFORMA-3

PARENT/ULTIMATE PARENT/ HOLDING COMPANY'S CORPORATE GUARANTEE TOWARDS FINANCIAL STANDING

(Delete whichever not applicable)

(TO BE EXECUTED ON COMPANY'S LETTER HEAD)

DEED OF GUARANTEE

THIS DEED OF GUARANTEE executed at this on name) a company duly organized and existing under the its Registered Office at	laws of(insert jurisdiction/country), having fter called "the Guarantor" which expression shall, unless
tender and desires to have Financial support of M/s Company(Delete whichever not applicable)] and wh whichever not applicable) represents that they have gone	(Bidder) intends to bid against the said [Parent/Ultimate Parent/Holding company(Delete through and understood the requirements of subject tender ial support as required by the bidder for qualifying and
Now, it is hereby agreed by the Guarantor to give this Guaranter to give the Guaranter t	rantee and undertakes as follows:
 The Guarantor confirms that the Bidder is a 100% subsice. The Guarantor agrees and confirms to provide the Aufinancial/accounting years reckoned from the original bides. The Guarantor have an annual financial turnover of minduring any of the preceding 03(three) financial/accounting. Net worth of the Guarantor is positive for preceding financials. The Guarantor undertakes to provide financial supports ame is awarded to the Bidder. The Guarantor represents that: 	closing date. nimum INR Cr or USD ng years reckoned from the original bid closing date. nincial/ accounting year.
of the work (including discharge of the warranty obligatio (b) the liability of the Guarantor, under the Guarantee, is and OIL. This will, however, be in addition to the forfeiture (c) this Guarantee has been issued after due observance of (d) this Guarantee shall be governed and construed in ac exclusive jurisdiction of the courts of New Delhi, India. (e) this Guarantee has been given without any undue understood the implications of the same.	limited to the 100% of the order value between the Bidder e of the Performance Guarantee furnished by the Bidder. If the appropriate laws in force in India. Ecordance with the laws in force in India and subject to the influence or coercion, and that the Guarantor has fully rity to issue this Guarantee and that giving of this Guarantee
Witness:	Witness:
1. 2.	1. 2.
 •	-