



Oil and Natural Gas Corporation Ltd.
Surface Team, Ahmedabad Asset
Office of G.M. (Electrical)
124 & 127, Avani Bhavan, Chandkheda, Ahmedabad 380 005.
Phone.: 079-23266056/6016, Tele-Fax: 079 – 23296891

AMD/AMD-ASSET/ST/TECH-SUP/2024/STELECT/1352809

Date: 07.11.2024

By EMAIL

To,
M/s GAURAV ELECTRICALS,
C-1 4415 PHASE-IV,
B/H INDO GERMAN TOOL ROOM,
VATVA GIDC, AHMEDABAD,
Gujarat – 380045 India EMAIL ID: gaurav_electricals@rediffmail.com

SUBJECT:: Work order for the work of work “Replacement of Load Break Switch panels (LBS) by 11kv VCB’s at Ramol EPS, GGS-1 and Wasna EPS of ONGC Ahmedabad Asset (TENDER NO. DY1DC24008).”

Sir,

1. We are pleased to inform you that the above subjective work is awarded to you at your final quoted rates 4.85(-) % with respect to Estimated cost which comes to **Rs.14,87,402.42** including 18% GST. The prices shall remain firm for entire duration of contract.
2. You are requested to confirm the acceptance of order and arrange to execute an agreement as per the prescribed Performa on a non-judicial Stamp paper of Rs 300/-.
3. Please note that time duration of the contract is 120 Days which shall be reckoned from date of issue of NOA (i.e. **07.11.2024 to 06.03.2025**).
4. A sum of 10% of the contract value (i.e. Rs **1,49,000.00**) shall be deposited as Security Deposit with ONGC through E-Bank Guarantee) / with Payment online through RTGS / internet banking in Beneficiary name Oil and Natural Gas Corporation Limited Account No. **00000010257776699** IFSC Code **SBIN0005743** Bank Name **State Bank of India** Branch address **ONGC Chandkheda, IRS Complex, Chandkheda-380005**. Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of online transfer. Bidder has to upload scanned copy of e-BG / proof of the Online Payment Transfer along with bid. For issuance of Electronic Bank Guarantee through **National E-Governance Services Limited (NeSL) platform**, details of ONGC (Beneficiary) are as under:

(i)	PAN	AAACO1598A
(ii)	Name	Oil and Natural Gas Corporation Limited
(iii)	Date of Incorporation	23.06.1993
(iv)	Email ID	ebg@ongc.co.in
(v)	Contact No.	0120-6034040, 0120-4487711
(vi)	Legal Constitution	Entity
(vii)	Registered office address	Plot No. 5A-5B, Nelson Mandela Marg, Vasant Kunj, New Delhi-70
(viii)	Registered office address Pin code	110070
(ix)	Communication address	ONGC, Shared Service Center, 1 st Floor, IBM office, Sector 62, Noida-201309, Uttar Pradesh
(x)	Communication Address Pin code	201309

in the prescribed form as indicated in the tender document. The Performance Bank Guarantee shall be valid for **up to 06.03.2026 and claim period valid till 06.04.2026.**

5. You are requested to submit the SD on or before **21.11.2024** & complete all other formalities within 30 days from the date of issue of this NOA..
6. The work is to be carried out as per the Scope of work, Schedule of Rates, SCC & GCC conditions of the tender.
7. After completion of work invoice in triplicate is to be submitted along with the joint measurement sheet.
8. All other terms & conditions shall be as per subject tender documents vide E-tender No. DY1DC24008.
9. This letter of award will constitute a binding contract and all terms and conditions of tender document read your subsequent confirmations and amendments shall apply till format contract is signed.
10. Kindly acknowledge and confirm the acceptance of this work order by return mail.


DIPAK MEDAK
DGM (ELECT-ST)
ONGC, AHMEDABAD

(Dipak Medak)
DGM (Elect) – ST
Ahmedabad Asset

SCOPE OF WORK

Scope of work includes but shall not be limited to “Replacement of Load break switch Panels (LBS) by 11KV VCB’s at Ramol EPS, GGS-1 and Wasna EPS of ONGC, Ahmedabad Asset”. The work site is located at approx. 45 Kms radius from ONGC base office at Chandkheda. The scope of work is to be read along with Schedule of Rates to understand the actual quantum of work. The broad jobs to be carried out are as below.

1. Supply, Installation, Testing & Commissioning of 11 KV, 630 Amps, VCB panel for Isolation / Protection of upto 1000 KVA, 11KV/433V air cooled Transformer in approved manner. Job involves the complete dismantling & shifting of existing LBS panels at Ramol EPS, GGS-1 and Wasna EPS.
2. Any other jobs like Panel platform modification for commissioning of new VCB panel, lugging & cable termination is within the scope of work.
3. The job involves the Isolation of the existing old LBS Panels by Dismantling/ Disconnection of cables, earthing wires, tack-welding etc. as to make them fully isolated from the existing set-up. Dismantling/ Removal of the aforesaid panels from and taking them out of existing room and shifting of the same to nearby location inside the complex. All works associated with dismantling/removal/ shifting of the panels shall be the responsibility of the contractor. All jobs necessary including lifting arrangement, arrangement of crane, labour required, special tool & tackles etc. shall be in the scope of the bidder. Disconnected & unused cables to be retrieved from existing cable trench of HT breaker and handed over to installation (if any).
4. Providing and erecting cable end termination kit, heat shrinkable Push on type Densons/ Raychem/ Elastimold make suitable for 11 KV XLPE cable 3 core and upto 120 Sq.mm (a) Indoor type.
5. The scope shall also include incorporation of all the primary winding protections of the transformer like overcurrent, earth leakage etc through protection relay circuit.
6. All electrical works are to be executed in accordance with the ‘CEA 2010 Safety & Electrical Supply Regulations & subsequent amendments issued thereof.
7. Contractor is advised to visit the site, to see the actual quantum of job and site conditions to quote properly before submission of bid.
8. **Others:**
 - i) Transportation of men and material to sites shall be the contractor’s responsibility and no payment shall be made by ONGC.
 - ii) All tools, tackles, testing instruments, consumables, etc., required for execution of work shall be provided by the contractor.
 - iii) Testing is to be done in the presence of ONGC representative.
 - iv) The work shall be guaranteed for a period of one year from the date of successful completion of work.
 - v) All the safety practices applicable shall be strictly followed by the personnel deployed by the contractor for execution of work inside the plant, while carrying out the job.
 - vi) The contractor shall make his own lodging/ boarding arrangements for his personnel.
 - vii) Arrangements for drilling/ gas cutting/ welding, etc., if required, shall be arranged by the contractor at his own cost.
 - viii) Scope of work described above is indicative only.
 - ix) The Bidder has to carry out complete Scope of Work.
 - x) Contractor has to engage qualified supervisors & technicians possessing competent certificate from the State Licensing Board for nature of work involved.
 - xi) The supervisor shall be available permanently at site of work to take time to time instructions from ONGC’s representatives for supervising the work.
 - xii) All the safety practices applicable shall be strictly followed by the personnel deployed by the contractor for execution of work inside the plant, while carrying out the job.

Technical Specifications

The Offered VCB shall have following minimum requirement:

VCB		
A	Recommended Makes	ABB/Areva(GEC)/Siemens/Danke/Jyoti/Crompton /Schneider Electric/L&T/ Mitsubishi Electric Corporation /C&S/
1	Rated Current	630A
2	Highest system voltage	12KV
3	Frequency	50Hz
4	No of poles	3
5	Operating mechanism	Motorised with Electrical
6	Rated lighting impulse voltage	75KVp
7	One minute power frequency withstand voltage	28KV
8	Rated breaking capacity	16/25 KA rms
9	Rated making capacity	40/65 KA rms
10	Breaker opening time	40ms maximum
11	Breaker closing time	60ms maximum
12	Rated Short Time Current for 3 Sec	26.3 A rms
13	Type	Draw out
14	Rated Voltage for shunt Trip Coil	110V DC
15	Spring Charge Motor Voltage	230 V AC
B	Applicable Standard	
1	IS 13118/ IEC 62271-100 / 200	

Additional Specifications:

Sl.	DESCRIPTION	RECOMMENDED MAKES
A	VCB Panel	
1	Horizontal draw out type VCB panel with Copper Bus bar	ABB/Areva(GEC)/Siemens/Jyoti/Crompton/Schneider Electric/L&T/ Mitsubishi Electric Corporation /C&S or recommended by VCB manufacturer
2	230V AC Motorised mechanism for spring charging	Recommended by VCB manufacturer
3	Copper Bus bar	Recommended by VCB manufacturer
4	Degree of Protection IP4X	Recommended by VCB manufacturer
5	Paint shade- RAL 7032 Siemens type	Recommended by VCB manufacturer
6	Shunt Trip & Closing Coil - 110V DC	Recommended by VCB manufacturer
B	Line PT Draw out Type :	
1	3-phase 11000/110V AC, 100 VA Class 0.5 accuracy Epoxy with draw out type feeder connected PT.	ABB/AREVA/Siemens/ Crompton/C&S/L&T/ Jyoti or or recommended by VCB manufacturer
C	CT-1 Core (STR 1 Sec)	

1	100-50/5+5 CTs 26.1 KA/1 Sec., 15 VA burden, Core I -15 VA, class 0.5 for metering, Core II - 15 VA class 5P10 for metering	CG or equivalent or recommended by VCB manufacturer
D	Meters	
1	Ammeter digital with selector switch control voltage 110V AC	Schneider, Rishabh/Elmeasure or equivalent
2	Voltmeter digital with selector switch control voltage 110V AC	Schneider, Rishabh/Elmeasure or equivalent
3	Multifunction Meter ELITE444, 0.5 CL with TTB	Secure or approved make
E	Indicating Lamps LED	
1	Phase indicating lamps (R,Y,B)	L&T/Siemens/Schneider/ABB/Teknic or equivalent
2	Breaker ON - Red	
3	Breaker Off - Green	
4	Auto trip indication - Amber	
5	Trip Circuit Healthy - White	
6	Spring Charged - Blue	
F	Accessories	
1	Push button for trip circuit healthy	Approved make
2	Trip Neutral Close Switch (TNC Switch)	Approved make
3	Local / Remote Switch	Approved make
4	Panel space heater with thermostat, switch & control fuse/MCB	Approved make
5	Panel illumination lamp with switch	Approved make
6	3-pin plug with switch	Approved make
7	Annunciator, 6-way 230 V AC	Approved make
8	Test, service limit switch	Approved make
9	AC - DC Fail unit	Approved make
G	Relays	
1	Numerical relay having protection of over current , earth leakage, under voltage, earth fault ,trip supervision relay etc. (27,59,50,50N,51,51N,,86,95)	ABB/Areva(GEC)/Siemens/Jyoti/Crompton/Schneider Electric/L&T/ Mitsubishi Electric Corporation /C&S or recommended by VCB manufacturer
2	Aux. relay for Buchholz - OTI -A/T, WTI -A/T	Approved make
3	Master Trip Relay	ABB/Areva(GEC)/Siemens/Jyoti/Crompton/Schneider Electric/L&T/ Mitsubishi Electric Corporation /C&S or recommended by VCB manufacturer
4	Trip supervision relay	ABB/Areva(GEC)/Siemens/Jyoti/Crompton/Schneider Electric/L&T/ Mitsubishi Electric Corporation /C&S or recommended by VCB manufacturer
5	Under Voltage relay	ABB/Areva(GEC)/Siemens/Jyoti/Crompton/Schneider Electric/L&T/ Mitsubishi Electric Corporation /C&S or recommended by VCB manufacturer
H	Applicable Standard	
1	IS 13118/ IEC 62271-100 / 200	

SCHEDULE-B (AWARDED RATES)					
NAME OF WORK: Replacement of Load break switch Panels (LBS) by 11KV VCB's at Ramol EPS, GGS-1 and Wasna EPS of ONGC Ahmedabad Asset.					
SN.	DESCRIPTION OF JOB	UNIT	QTY	RATE (Inclusive of all taxes)	AMOUNT (Inclusive of all taxes)
1	Supply, Installation, Testing & Commissioning of 11 KV, 630 Amps, VCB panel for Isolation/Protection of up to 630 KVA, 11KV/433V air cooled Transformer in approved manner including cable end Termination, Panel Platform Modification if required etc. for commissioning of new VCB panel in all respect as per scope of work and technical specification. The work will include providing and erecting cable end termination kit, heat shrinkable Push on type Densons/ Raychem/ Elastimold make suitable for 11 KV XLPE cable 3 core and upto 120 Sq.mm (a) Indoor type (1 No)	NO	3	₹ 4,95,800.80	₹ 14,87,402.42
Total amount					₹ 14,87,402.42
Rupees Fourteen Lakhs Eighty Seven Thousnd Four Hundred Two and Forty Two Paise Only including GST					