



केन्द्रीय सरकारी कर्मचारी कल्याण आवास संगठन
CENTRAL GOVERNMENT EMPLOYEES
WELFARE HOUSING ORGANISATION
(Ministry of Housing & Urban Affairs, Govt. of India)
(An ISO 9001-2015 Organisation)

24/

छठा तल, ए खण्ड, जनपथ भवन,
जनपथ, नई दिल्ली-110 001
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No. T-508/18/1

24th January, 2020

To,

The Prequalified Agencies for External Electrification Works at Greater Noida Housing Project.

Sub.: External electrification Works for Greater Noida Housing Project at Plot No. 7, Sector P-4, Builders Area.

Sir,

Please refer to the pre-bid meeting held on 13.01.2020 on the captioned subject.

2. The minutes of the above pre-bid meeting dt 13.01.2020 and further clarifications on the tender are enclosed herewith as Annexure- I and II. The date of submission of the bids has been extended from 28.01.2020 up to 1500 hrs on 04.02.2020.
3. The bidders are advised to submit their bids considering para 2 above.

Thanking You,

Yours faithfully,

(Gagan Gupta)
Dy. Director (Tech.)
for Chief Executive Officer

Annexure I

PREBID MEETING FOR EXT. ELECTRICAL WORK FOR GREATER NOIDA PROJECT HELD AT CGEWHO HQ ON 13 JAN 2020
 Meeting was held on 13 jan 2020 at cgewho HQ , following attended thus meeting under chairmanship of Mr. R.C. Aggarwal ,
 Director (F & A)

i	Mr. R.C. Aggarwal	Director (F & A)-CGEWHO
ii	Mr. Gagan Gupta	Dy. Director (Tech)-CGEWHO
iii	Mr. Raj Kumar Bhatia	Project Manager -CGEWHO
iv	Mr. Rajendra Sonker	Project Engineer-CGEWHO
v	Mr. Rahul Tyagi	MD-RTA (PMC & ARCHITECT)
vi	Mr. Venugopal	Electrical Consultant (PMC & ARCHITECT)
vii	Mr. Vishal Parmar	Project Engineer (PMC & ARCHITECT)
viii	Mr. Vikas Arora	Rep from M/s Advance EPC Contracts Pvt. Ltd.
ix	Nitin Pratap Singh	Rep from M/s Brilltech Engineers Pvt. Ltd.
x	Absent	Rep from M/s Suncity Enterprises
xi	Vinod Kumar	Pvt. Ltd.
xii	Ankit Alung	Rep from M/s Bijlee Const Pvt.Ltd.
xiii	Shared Deora	Rep from M/s Deora Electricals
xiv	Ashish Kumar	Rep from M/s L S Power Control
xv	Absent	Rep from M/s Ekta Electricals

Mr. R.C. Aggarwal , Director (F & A) welcomed the representative of all participant contractors and informed that any clarification /queries related to External Electrical work of Greater Noida Project to be brought out at this stage, and subsequent to the award of work, no amendment/clarifications shall be accepted by the Board. The queries raised by the Contractors and clarifications given by CGEWHO are as under:

S. No.	SUBJECT	BIDDERS QUERY	CGEWHO REPLY
1	ACB/MCCB	We have considered ZSI feature only in ACB's feeder, since not applicable in MCCB but also mention the same in General Specs.-Kindly Clarify. (S.No.4.1) (Main LT panel -Sub Station:-3 (Type A,B,C Towers) (Pg.No.24), (S.No.4.1) Main LT Panel-Sub Station:- 4 (Villas) (Pg.No.34), (S.No.4.1) Main LT Panel-5A-Sub Station:-5A (Common Services) (Pg.No.47), (S.No.72) (Main LT Panel-Nursery School) (Sub Station:-6 (Commercial) (Pg.No.72), (S.No.4.2) (Main LT Panel-Nursing Home) (Sub Station:-6 (Commercial) (Pg.No.74), (S.No.4.3) (Main LT Panel-Shopping Complex) (Sub Station:-6 (Commercial) (Pg.No.76)	PLEASE NOTE : MCCB'S TO HAVE ZSI FEATURE, ALL THE MANUFACTURERES TO PROVIDE
2	outgoing for display	We have considered energy parameter (V,I,Pf,) through FDM in ACB feeders. But also asked separate PM-8000 Meter - Kindly Clarify, Which to be consider. (S.No.4.1) (Main LT panel -Sub Station:-3 (Type A,B,C Towers) (Pg.No.24), (S.No.4.1) Main LT Panel- Sub Station:- 4 (Villas) (Pg.No.34), (S.No.4.1) Main LT Panel-5A-Sub Station:-5A (Common Services) (Pg.No.47), (S.No.72) (Main LT Panel-Nursery School) (Sub Station:-6 (Commercial) (Pg.No.72), (S.No.4.2) (Main LT Panel-Nursing Home) (Sub Station:-6 (Commercial) (Pg.No.74), (S.No.4.3) (Main LT Panel-Shopping Complex) (Sub Station:-6 (Commercial) (Pg.No.76)	PLEASE NOTE ALL THE INCOMING BREAKERS TO HAVE PM-8000 AND ALL OUTGOING FEEDERS TO HAVE FDM

3	Energy Analyser / MFM	We have not considered energy analyser/MFM with ethernet in incomer feeder due to We have provide by FDM in ACB's with ethernet feature,but also asked the same separate in G.specs - Kindly Clarify (S.No.4.1) (Main LT panel -Sub Station:-3 (Type A,B,C Towers) (Pg.No.24), (S.No.4.1) Main LT Panel- Sub Station:- 4 (Villas) (Pg.No.34), (S.No.4.1) Main LT Panel-5A-Sub Station:-5A (Common Services) (Pg.No.47), (S.No.72) (Main LT Panel-Nursery School) (Sub Station:-6 (Commercial) (Pg.No.72), (S.No.4.2) (Main LT Panel-Nursing Home) (Sub Station:-6 (Commercial) (Pg.No.74), (S.No.4.3) (Main LT Panel-Shopping Complex) (Sub Station:-6 (Commercial) (Pg.No.76)	PLEASE NOTE ALL THE INCOMING BREAKERS TO HAVE PM-8000 AND ALL OUTGOING FEEDERS TO HAVE FDM
4	ACB/MCCB	We have considered release in MCCB up to 250A rating Thermal Magnetic based with O/L & S/C Protection.Above 250A Microprocessor base with O/L & S/C,Since not clear in your enquiry.due to asked in general specification all MCCB Thermal Magnetic release but also mention the same in outgoing feeder Microprocessor based with O/L & S/C Release.Kindly clarify the actual requirements. (S.No.4.1) (Main LT panel -Sub Station:-3 (Type A,B,C Towers) (Pg.No.24), (S.No.4.1) Main LT Panel- Sub Station:- 4 (Villas) (Pg.No.34), (S.No.4.1) Main LT Panel-5A-Sub Station:-5A (Common Services) (Pg.No.47), (S.No.72) (Main LT Panel-Nursery School) (Sub Station:-6 (Commercial) (Pg.No.72), (S.No.4.2) (Main LT Panel-Nursing Home) (Sub Station:-6 (Commercial) (Pg.No.74), (S.No.4.3) (Main LT Panel-Shopping Complex) (Sub Station:-6 (Commercial) (Pg.No.76)	ALL INCOMERS TO HAVE THE ON/OFF/SC/EF AND LED INDICATIONS AND ALL OUTGOING TO HAVE ON AND OFF INDICATIONS
5	Incoming MCCB	We have considered release in MCCB up to 250A rating Thermal Magnetic based with O/L & S/C Protection.Above 250A Microprocessor base with O/L & S/C,Since not clear in your enquiry.due to asked in general specification all MCCB Thermal Magnetic release but also mention the same in outgoing feeder Microprocessor based with O/L & S/C Release.Kindly clarify the actual requirements. (S.No.4.1) (Main LT panel -Sub Station:-3 (Type A,B,C Towers) (Pg.No.24), (S.No.4.1) Main LT Panel- Sub Station:- 4 (Villas) (Pg.No.34), (S.No.4.1) Main LT Panel-5A-Sub Station:-5A (Common Services) (Pg.No.47), (S.No.72) (Main LT Panel-Nursery School) (Sub Station:-6 (Commercial) (Pg.No.72), (S.No.4.2) (Main LT Panel-Nursing Home) (Sub Station:-6 (Commercial) (Pg.No.74), (S.No.4.3) (Main LT Panel-Shopping Complex) (Sub Station:-6 (Commercial) (Pg.No.76)	UPTO 250 AMP, ALL THE MCCB'S TO BE MICROPROCESSOR BASED TRIP PROVISIONS AND BELOW 250 THE SAME SHALL BE WITH THERMAL MAGNETIC RELEASES
6	Earth Fault	We have considered earth fault module only in incomer MCCB feeder,Since not clear in your enquiry. - Kindly Clarify. (S.No.4.1) (Main LT panel -Sub Station:-3 (Type A,B,C Towers) (Pg.No.24), (S.No.4.1) Main LT Panel- Sub Station:- 4 (Villas) (Pg.No.34), (S.No.4.1) Main LT Panel-5A-Sub Station:-5A (Common Services) (Pg.No.47), (S.No.72) (Main LT Panel-Nursery School) (Sub Station:-6 (Commercial) (Pg.No.72), (S.No.4.2) (Main LT Panel-Nursing Home) (Sub Station:-6 (Commercial) (Pg.No.74), (S.No.4.3) (Main LT Panel-Shopping Complex) (Sub Station:-6 (Commercial) (Pg.No.76)	EF MODULES SHALL BE CONSIDERED ONLY AT THE INCOMING BREAKERS, PLEASE NOTE AS INDICATED ABOVE TO CONSIDER THE BREAKERS WITH ZSI FACILITIES
7	External Lighting Feeder Pillar	Please provide qty for MCB and SP/FP MCB.-Kindly Clarify	THIS IS AN INDICATIVE REQUIREMENT AND BIDDERS MAY CONSIDERED THE FP VERSION AND UPDATE THE SAME DURING THE SHOP DRAWING DEVELOPMENT
8	External Lighting Feeder Pillar	Please provide qty for MCB and SP/FP MCB.-Kindly Clarify	THIS IS AN INDICATIVE REQUIREMENT AND BIDDERS MAY CONSIDERED THE FP VERSION AND UPDATE THE SAME DURING THE SHOP DRAWING DEVELOPMENT

9	Feeder Pillar for Solar Street Light	Please provide qty for MCB and SP/FP MCB.-Kindly Clarify	QUANTITY TO BE WORKED OUT BY BIDDERS
10	Cables	In BOQ FRLS, inner sheathed and outer sheathed not mentioned in Technical asked FRLS, we have to consider the cable without FLRS please clarify	FOR POWER CABLES THE OUTER SHEATH SHALL BE OF FRLS
11	CABLE TRAY	Cable trays shall be fabricated out of 1.6 mm and 2 mm. Hot dip galvanized steel sheet. There are discrepancies as per BOQ required pre-galvanized and as per technical required Hot dip Galvanized please clarify Cable trays shall be fabricated out of 1.6 mm and 2 mm. Hot dip galvanized steel sheet. There are discrepancies as per BOQ required pre-galvanized and as per technical required Hot dip Galvanized please clarify Cable trays shall be fabricated out of 1.6 mm and 2 mm. Hot dip galvanized steel sheet. There are discrepancies as per BOQ required pre-galvanized and as per technical required Hot dip Galvanized please clarify Cable trays shall be fabricated out of 1.6 mm and 2 mm. Hot dip galvanized steel sheet. There are discrepancies as per BOQ required pre-galvanized and as per technical required Hot dip Galvanized please clarify Cable trays shall be fabricated out of 1.6 mm and 2 mm. Hot dip galvanized steel sheet. There are discrepancies as per BOQ required pre-galvanized and as per technical required Hot dip Galvanized please clarify Cable trays shall be fabricated out of 1.6 mm and 2 mm. Hot dip galvanized steel sheet. There are discrepancies as per BOQ required pre-galvanized and as per technical required Hot dip Galvanized please clarify Cable trays shall be fabricated out of 1.6 mm and 2 mm. Hot dip galvanized steel sheet. There are discrepancies as per BOQ required pre-galvanized and as per technical required Hot dip Galvanized please clarify Cable trays shall be fabricated out of 1.6 mm and 2 mm. Hot dip galvanized steel sheet. There are discrepancies as per BOQ required pre-galvanized and as per technical required Hot dip Galvanized please clarify Cable trays shall be fabricated out of 1.6 mm and 2 mm. Hot dip galvanized steel sheet. There are discrepancies as per BOQ required pre-galvanized and as per technical required Hot dip Galvanized please clarify	THE CABLE TRAYS SHALL BE HOT DIP GALVANIZED
12	Flood LED	Required Light Fixture Cat No.	Make:Bajaj-BJFL50WLED OR EQUIVALENTS
13	11KV TRANSFORMER	Losses not mentioned please clarify that losses as per level-II and ECBC 2017	PLEASE NOTE THE TRANSFORMER SHALL BE AS PER LEVEL II OF IS 1180 CONFIRMING TO THE TABLE 8.2 OF THE ECBC NORMS
14	EXTERNAL MUSIC SYSTEM	Wattage of Speakers not mentioned	RECOMMENDED POWER 100 WATTS AND WITHSTANDS UP TO 350 POUNDS OF PRESSURE. BOSCH FREE SPACE 51 OUTDOOR IN-GROUND SPEAKERS (GREEN) - 31763 WITH SUITABLE AMPLIFIER SYSTEM and accessories(MAKE-BOSCH / SONY 5000 Watts High Power Amplifier Or equivalent)
15	11KV TRANSFORMER	Losses not mentioned please clarify that losses as per level-II and ECBC 2017	PLEASE NOTE THE TRANSFORMER SHALL BE AS OER LEVEL II OF IS 1180 CONFIRMING TO THE TABLE 8.2 OF THE ECBC NORMS
16	11KV TRANSFORMER	Losses not mentioned please clarify that losses as per level-II and ECBC 2017	PLEASE NOTE THE TRANSFORMER SHALL BE AS OER LEVEL II OF IS 1180 CONFIRMING TO THE TABLE 8.2 OF THE ECBC NORMS
17	LD	LD shall be applicable on 0.5 to 5% on balance work.	NOT AGREED. AS PER TENDER DOCUMENT
18	Defect liability period	We request you to please consider the DLP for 12 Months after completion of work	NOT AGREED. DLP SHALL BE 60 MONTHS AS PER TENDER DOCUMENT
19	Mobilization advance	We request you to please consider Mobilization advance 10% without interest free	NOT AGREED BY CGEWHO, AS PER TENDER DOCUMENT
20		Quantity of cable tray	BIDDERS TO WORK OUT QUANTITIES ON THEIR OWN

21	CABLE TRAY	Quantity of HT AND LT cables	BIDDERS TO WORK OUT QUANTITIES ON THEIR OWN
22	liasioning work	Please clarify on Scope of liasioning work with Government authorities	LIASIONING IS TO BE DONE BY CONTRACTOR .THE SATUTORY FEE SHALL BE PAID/REIMBURSED BY CGEWHO AFTER SUBMISSION OF RECEIPTS BY THE CONTRACTORS.
23	civil work for 33 KV	please clarify regarding civil work for 33 KV substation and VCB room, as in BOQ Scope of work regarding 33 KV is not mentioned.	THE CIVIL STRUCTURE IS PART OF CONTRACTORS SCOPE OF WORK
24	Defect Liability Period	As Defect Liability Period is valid for 60 Months, is retention money also be release after Defect liability period.	AS PER TENDER
25	DG is asked with AMF panel	DG is asked with AMF panel, however Main LT panel is PLC based Auto load Management/automation. In This case Do we need to take AMF panel with DG	DG NEED NOT BE WITH AMF, HOWEVER THE DG SHALL HAVE POWER MONITORS FOR SIGNALLING TO THE PLC SYSTEM
26	Main LT Panel	In Main LT Panel specification Enclosure class is asked with IEC 60439, however it is also asked for that it should be as per internal arc tested 50 KA for .3 second as per IEC 61641, Both these condition are contradictory.	PLEASE NOTE ALL THE PANELS SHALL BE AS PER IEC 60439,I.E. PTTA PANELS
27	CCTV Camera	CCTV Camera installation and link to head office	AS PER TENDER
28	MS Project software	MS Project software is mandatory	BARCHART/PROJECT SCHEDULE SHOULD BE MADE IN MS PROJECT
29	LT panel Commercial	LT panel for Nursery school, Nursing Home, shopping Complex, All these panels asked MCCB as incomer, But In case of MCCB , Automation is not possible between transformer and DG Incomers.	AUTO START, LOAD SHARING SHALL BE ACHIEVED WITH CONTRACTORS
30	bills in a month	How many bills in a month to submit for clearance	ONE BILL IN ONE MONTH. AS PER TENDER
31	GI earthing	Please Clarify size and quantity of GI earthing	AS PER TENDER DRAWINGS AND BOQ.
32	Autocad Format.	We request you for providing us the SLD / Electrical Layout of all the Substation in Autocad Format.	AGREED
33	Approve Brilltech Make	We request you to kindly approve Brilltech Make LT Panel, Sub Panels & Sub Distribution Panels as Schneider System House & we confirm we comply with the tender Specifications / requirements	ABB,SIEMENS,SCHNEIDER OR THEIR LICENSE PARTNER HAVING MINIMUM 5 YEARS EXPERIENCE IN LICENSE OF THESE PANELS.
34	Approval of MEM / BEC Make for Cable Tray.	We request for the additional make approval of MEM / BEC Make for Cable Tray.	NOT AGREED
35	CEA Approval	Pls. confirm the Approval scope – CEA Approval for transformers and DG Sets only.	THIS WILL BE IN CONTRACTORS SCOPE AS DISCUSSED IN THE PREBID MEETING
36	HT cable can be taken thru Hume Pipe	Can HT cable can be taken thru Hume Pipe / DWC Pipes, and trench shall be in Substation Area only where HT panel / Transformer be installed.	NOT AGREED
37	Performance test of 7 days	Performance test of 7 days – request you to clear the scope. (Consumable during Performance Test).	THIS WILL BE IN CONTRACTOR SCOPE AS DISCUSSED IN THE PREBID MEETING
38	ALL TAXES	Quoted Prices shall be inclusive of GST & Labour Cess – Pls. confirm.	YES ALL TAXES INCLUSIVE IN QUOTED PRICE



S. No.	Clause No.	SUBJECT	BIDDERS QUERY	CGEWHO REPLY
1	Vol 1: Instructions & information for tendering, Clause 5 (xi)	Tax	The Tender shall contain the following documents: Income Tax /VAT /GST /CGST /SGST No. along with valid clearance Certificates.	As Per Tender
2	Vol I: Appendix A- To form part of tender, clause no. 22	Secured advance	Secured advance against supply of materials on site (except for perishable materials) : 85% of the estimate values of materials on signing on indenture, Which shall be paid along with R A Bills.	As Per Tender
3	Vol II: Terms of payment, clause no. 8.3.1	Security advance	Security advance equivalent to 75% of the cost of purchase of material of non-perishable nature required for actual execution of work and actually brought to site by Contractor and accepted by the Owner shall be pad on submission of vouchers. The secured advance shall not exceed 60% of the quoted rate.	As Per Tender
4	Vol. I: FORM - 'A'-L Clause vii	Bio-data of Sub-contractor	Document to be Enclosed vii) Bio-data of Sub-contractors regularly employed	As Per Tender
5	Vol. I: FORM-F	Performance Report	Please accept the Experience certificates & work orders instead of performance reports, as generally departments don't issue performance reports	As Per Tender
6	Vol.III: Technical specifications	Submission of GTP, type test reports, GA drawings, SLD. Technical literature.	Please accept the submission of GTP, type test reports, GA drawings, SLD, technical literature after award of work.	As Per Tender
7	Vol.I: Notice Inviting Tender, Page:4	Earnest money of Rs.20 Lacs TWENTY (lacs)	Please confirm the validity of EMD in the form of Bank Guarantee to be submitted with the tender.	As Per Tender
8	Vol. I & II	Payment Terms	Kindly confirm the payment terms clearly.	As Per Tender Payment yardstick Vol.III
9	Vol. III	HT & LT Cable schedule	Quantity of HT & LT Cables is not given in the tender in BOQ & also in tender drawings dimensions are not given. Kindly provide us the exact quantity of HT & LT Cables.	BIDDERS TO WORK OUT QUANTITIES ON THEIR OWN

10	Vol. III	Quantity of ACP cladding (for D.G. SETS), cable trays, raceways, earthing, fencing, civil works	Exact Quantity of ACP cladding (for D.G SETS), cable trays, earthing, fencing, civil works not given in the tender. Hence we request you to provide the same.	BIDDERS TO WORK OUT QUANTITIES ON THEIR OWN
11	Vol.III :List of approved makes	Schedule E-List of approved makes	Please incorporate following makes in the approved makes list: (1)11 KV RMU Panels-CG Lucy, Schneider (2)Distribution transformer- Kirloskar (3) HT Cables-Polycab, Finolex, Ravin, Havells (4) LT Cables- Ravin, Havells, Bharntcab (5) LT panels-Any CPRI approved panel manufacturer (6) ACB, MCCB, MCB- L&T (7) LED- Syska	NOT AGREED
12	VolIII: Cement & steel Page33	Cement & Steel	We request you to re-confirm that- Cement & Steel shall be provided by the employer ,free of cost.'	THIS WILL BE IN CONTRACTOR SCOPE
13	Vol.I: Notice Inviting Tender. Page:4	Sealed and filled tenders shall be received in the office of CGEWHO, 6th floor, A wing, Janpath Bhawan, Janpath. New Delhi- 110001upto 03.00 PM on 28-Jan- 2020	We have received the AUTOCAD drawings on 21.01.2020 For working out all the quantities of HT & LT Cables, cable trays, earthing items & raceways, sufficient time is required. Volume of the work is vast. Various systems are included in the BOQ. For systematic study & proper evaluation of the tender, we request you to extend the last date of the submission of the tender by minimum period of 15days from the existing date of the submission.	NOT AGREED

Gaga