Minutes

27th March, 2024

PRE-BID MEETING FOR "INTERNAL AND EXTERNAL ELECTRICAL WORK OF NEW IUCAA-2 BUILDING AT IUCAA, PUNE."

The Pre-bid meeting for the proposed "Internal and External Electrical work of New IUCAA -2 Building at IUCAA, Pune." was held on 27th March 2024 at 1100 hrs in Bhaskara 1. The following members were present:

1. Architect Rajeev Vishwasrao
2. Mr. Vikas Sanghavi-Electrical Consultant
3. Mr. Nitin Ohol
4. Mr. Hitesh Deshmukh
5. Mr.G.B. Gaikwad
6. Mr. M.S. Sahastrabudhe-Could not attend the meeting due to prior commitments.

A total of nine representatives from six parties have attended the meeting. The questions raised by the agencies were satisfactorily clarified by IUCAA. The queries with responses are enclosed in Annexure – I and the list of representatives is present in Annexure – II.

Hitesh Deshmukh

27 March 2024.
G.B. Gaikwad

27.03.2024
Nitin Ohol

Vikas Sanghavi

signature attached as below.
Ar.Rajeev Vishwasrao

The report of pre-bid may be approved.

28.3.24

Director

Annexure – I

The following points were discussed in the Pre-Bid Meeting held on 27.03.2024 at 1100 hrs in Bhaskara–1.

Sr. No.	Name of the Agency	Query	Clarification given by IUCAA
1	Mr.S. V. Gaikwad M/s Royal Power Turnkey Implements Pvt Ltd. Pune 9503053700	1)The vendor should have completed min one similar Institutional Electrical project costing more than Rs 10 Crores in last five financial years-Please consider state Govt. similar work experience. 2)Payment terms: Kindly change the payment terms as follows a)85% after supply of material b)10% after installation c)05% after commissioning 3)PWD class A registration is not mandatory for the tender above Rs 1.5 Crores	1)State Govt. similar type works are accepted 2)The payment terms are as per tender conditions only. PWD class registration is exempted as per PWD GR No: CAT/2017/PC08/EM-2 dated 27.09.2018. Hence it is not required.
2	Mr.Ashit Nayak M/s Tejas Electricals, Pune M.- 9822052049	1)BOQ Note 2 - The Contractor shall be responsible for obtaining all necessary statutory approvals, clearances, sanctions, drawing approvals, and getting actual connections & shall be included in respective item rates. Statutory fees to offices of government authorities MSEDCL, PWD, FIRE INSPECTOR, POLLUTION BOARD, MOEF shall be paid by the client on the production of receipts paid in the name of IUCAA.	Challans from respective authorities (only MSEDCL, PWD, Fire Department) will be produced by the Bidder in the name of IUCAA. The required statutory fees only above mentioned departments will be paid by the IUCAA.
		2)BOQ Note 2: Please confirm the scope for load sanction, load release & charging permission scope ?	All Scope is in Bidder's scope

		3) Please approve L&T make distribution board as L&T make's MCB, RCCB already mentioned in the make list.	Ok, It is as per approved makes
		4) Indoor touch proof required for RMU's HT cable termination, which is not available in the BOQ. Please confirm.	As per MSEDCL approved, Consider Touch proof Indoor HT terminations
		5) In BOQ- FP MCCB was mentioned for the Panels, but in SLD TPN MCCB was mentioned, please confirm.	4 Pole MCCB, Amended SLD shall be uploaded on CPPP portal.
		6) In the BOQ AMF & DG sysnch panel are mentioned separately, but in the SLD both AMF & Sysnch panels shown combinely. Please confirm.	Combined, As per SLD. DG Sets factory inspection before dispatch should be arranged. done. Load test at Factory and at site with 110% load bank of capacity of DG sets should be arranged by the bidder at his own cost.
		7)BOQ127-130 In BOQ-RCCB 30/100/300 mA mentioned. Kindly conform which sensitivity we should consider as the rates are different.	The detail sheet will attached separately.
3	Mr.Abhish Madhukumar M/s Concept Engineering Projects Pvt Ltd. M-9850829524		
1		1)BOQ1,2,3,4 : Point wiring length is not mentioned.	As per DSR specification it is 6 meter in length and for additional length 10 % rise.
2		For secondary wiring, there is no basis in DSR. Kindly confirm basis of rate.	As per DSR specification it is 6 meter in length and for additional length 10 % rise.
3		BOQ no. 38 - Only making trench is mentioned. Please clarify.	Scope of BOQ Item no. 38 is as per attached Technical Specifications – Electrical Page No. 184 & 185.
4		BOQ no. 41 - Kiosk will be as per MSEDCL Specifications.	As per MSEDCL Specifications and approval.
5		BOQ no. 42 - HT METER will be as per MSEDCL specs. What shall be accuracy class 0.5 or 0.2 ?	As per MSEDCL Specifications /approval.

		Shall we consider physical location inside Kiosk ?	
6		BOQ no. 45 - Document preparation & submission along with liaisoning expenses will be in our scope. Statuatory payments shall be directly paid by IUCAA to Govt. dept. We will facilitate co-ordination for the same.	All Scope is in Bidder's scope. Challans from respective authorities (only MSEDCL, PWD, Fire Department) will be produced by the Bidder in the name of IUCAA. The required statutory fees only above mentioned departments will be paid by the IUCAA.
7		BOQ no. 47 - Why outdoor type terminations are required ? Touch proof indoor type to be used.	As per MSEDCL approved, Consider Touch proof Indoor HT terminations.
8		BOQ no. 54 to 70 - Are cable terminations included ? Single/Double compressions glands to be considered ? Qty. of terminations ?	Yes. Please refer uploaded SLD & drawings.
9		BOQ no. 75 - IEC61439 is not applicable. BOQ is required. How many capacitor banks ?	Eight different stages are as per BOQ. Power factor should be continuously maintained One on various load at all the time.
10		BOQ no. 154 & 155 - Whether Perforated / Ladder type to be considered ? Accordingly price will vary.	Perforated Type tray.
11		BOQ no. 156 & 157 - As per vendors, Hot dip Galvanisation is not possible for 18 gauge GI sheet. Making 20mm collar is not possible for 18 gauge GI sheet.	As per tender BOQ & Specifications. As per tender BOQ & Specifications.
12		Miscellaneous points - Switchgear in BOQ & SLD are not matching in multiple panels. Please confirm whether to quote as per BOQ or as per SLD so that there is parity between vendor offers.	Please refer Panel details sheets which are uploaded on CPPP portal.
13		Miscellaneous points - Panel will be IEC61439 or IS 8623 ? Please confirm.	Panels should be IEC 61439 as per technical specifications.

14		TECHNICAL SPECIFICATION FOR CABLES Point no. 16-3.1, 3.2, 3.3, 3.4 - It is not possible to carry out these tests for each voltage class and for each rating of short time withstand current in presence of purchaser. These are generally type tested by manufacturer before it comes to distributors/dealers with its certificates.	All type tests certificates should be submitted with the Tender Technical Bid on CPPP portal.
15		TECHNICAL SPECIFICATION 11 KV Metering Kiosk Point no. 1191.02 - It is not possible to carry out these tests for each voltage class and for each rating of short time withstand currentin prescence of purchaser. These are generally type tested by manufacturer before it comes to distributors/dealers with its certificates.	All type tests certificates should be submitted with the Tender Technical Bid on CPPP portal.
16		TECHINCAL BID Section-I Techincal Bid form Point-12 : Valid Labour License - Since this is not civil work contract, not applicable. Please confirm.	As per prevailing labour laws.
17		TECHINCAL BID Section-II Point-3.5 - Annual turnover criteria as requested in Tender is very steep compared to the volume and amount of work . You are requested to revisit turnover criteria.	AS per GFR - The Minimum turnover of the bidder shall not be less than Rs.18 Crores (Indian Rupees Eighteen Crores only) per annum for minimum three years out of last five financial years.
18		Security Deposit - We will be providing BG from internationally reputed Indian Banks viz. HDFC, ICICI, etc. Please confirm.	Required BG from Nationalised Banks only as per tender conditions.

19		BG from Nationalised Banks - For SD (5%) - We will be providing BG for same, please confirm. For PBG (3%) within 21 days from award of contract - Please confirm if PBG can be provided upon completion of work.	As per tender terms & conditions only.
20		TECHINCAL BIDSection-II Point-28 - 75% Adhoc payment is mentioned on assessed RA bill from the contractor.About balance 25% payment, is not specified.Please clarify.	As per tender terms & conditions only.
21		TECHINCAL BID Section-II Point-30 : Contractor's All Risk (CAR) Insurance Policy - Generally applicable for civil work & not applicable in this case. Please clarify.	Required, As per tender terms & conditions only.
22		TECHINCAL BID Section-IV Point-14 : - The contractor shall comply with the provision of the Apprentice Act 1961 - Please clarify.	Not Applicable
23		TECHINCAL BID Section-V Point-7.1.1 - Approved make list indicates IEC 61439. Techincal specification shows IS 8623. Panel to be considered IEC61439 or IS 8623 ? Please confirm.	Panels should be IEC 61439 as per technical specifications. For IEC 61439 panels bidder must submit OEM's letter & authorised franchisee certificate with all 13 type test certificates from OEM only.
24		TECHINCAL BID Form-VI Point no. 3 - These works other than tender BOQ will be carried out at mutually agreed rates.	As per latest PWD CSR/DSR rate for CSR/DSR items and non DSR/CSR items as per rate analysis with the market rates.
25		TECHINCAL BID Form-VI Point no.7 - Generally applicable for civil work & not applicable in this case. Please clarify.	As per tender term & conditions.

26		Miscellaneous points- Type tests certificates will be provided for items wherever required as per tender. Routine tests can be provided on required equipments.	All type tests certificates should be submitted with the Tender Technical Bid on CPPP portal.
27		Miscellaneous points - Water, Construction Power shall be provided by client free of cost. Please confirm.	The bidder should arrange water & electrical power supply at his own cost.

Annexure-II

Tender for "Internal and External Electrical work of New IUCAA-2 Building at IUCAA,Pune."

Pre-bid conference in connection with the above-mentioned tender Tender Reference No. M23-0937, Tender ID 2024_IUCAA_800339_1				
				27.03.2024
Sr. No.	Name of the Agency	Name of Representative	Mobile No.	Sign
1	Destiny Enviro Solutions Pvt Ltd-Kalyan	Anit Singh	9741801872	
2	Royal Power Turnkey Implements Pvt Ltd.	Ramakar Katke.	7304972700	
3	OMTECH ELECTRICAL SOLUTION PVT.	SHANTANU KUMAR	9717476137	
4	Suvarna Elect. Pvt Ltd.	Bhosale S.G.	9881057224	
		Kalpesh R. Lohar	7083564376	
5	CONCEPT ENGG. PROJ. PVT. LTD.	ABHISH MADHUKUMAR KETKI SHAH	9850829524	
6	SYNERGY SKI INFRADEVELOPMENT PUNE	BALASAHEB KALOATE ASHISH WAGHMARE	9607660430	

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Hitesh Deshmukh

27 March 2024
G.B. Gaikwad

Nitin Ohol

Vikas Sanghavi

Ar.Rajeev Vishwasrao

PANEL MATERIAL DETAILS 1/2				
1		11 KV LBS	8	8
2		11 KV VCB +ENCL	1	1
3		USS +RTCC+OLTC	1	1
		11 KV TVM +MK	2	2
4	ACO, 02	I/C		
		ACB,2000A,4P,LSIG	2	2
		SPD -1	1	1
		MCB SP 2A,	3	3
		Vm +Vss	1	1
		IND.LAMP SET RYB	1	1
		BUS BAR	12 M	12 M
		2000A, ALU,TPN set	1	1
		O/G		
		CT 2000/5,SET	2	2
		DTM 2000A/5	1	1
		IND.LAMP SET	1	1
5	PCC,04	I/C		
		ACB,1600A,4P,LSIG	1	1
		SPD 480V	1	1
		Vm +Vss	1	1
		CT 1600/5	1	1
		IND.LAMP SET	1	1
		LM	1	1
		MCB SP 2A	3	3
		BUS BAR	11 M	11 M
		2000A,ALU,TPN,SET	1	1
		O/G		
		MCCB,800A,FP,50kA	1	1
		MCCB,400A,FP,36kA	2	2
		MCCB,315A,FP,36kA	3	3
		MCCB,250A,FP,36kA	5	5
		MCCB,160A,FP,36kA	2	2
		MCCB,100A,FP,16kA	3	3
		LM WITH CT SET	16	16
		B/C 800A,FP,ACB,LSIg	1	1
6	HVAC,05	I/C		
		MCCB,800A,FP,50kA	1	1
		Vm +Vss	1	1
		IND.LAMP SET	1	1
		MCB SP 2A	3	3
		BUS BAR	9 M	9 M
		1000A,ALU,TPN,SET	1	1
		O/G		
		MCCB,63A,FP,16kA	2	2
		MCCB,125A,FP,16kA	12	12
7	PDB2 (12)	I/C		
	12W VTPN	MCCB,250A,FP,36kA	1	1
		O/G		
		ISOLATOR,100A,TP,10kA	3	3
		MCB,63A,TP,10kA	9	9
8	PDB,06	I/C		
	12W VTPN	MCCB,250A,FP,36kA	1	1
		O/G		
		MCB,63A,TP,10kA	6	6
		MCB,40A,TP,10kA	6	6
7/1	EQDB2	I/C		
	4W VTPN	MCCB,100A,FP,16kA	1	1
		O/G		
		MCB,63A,TP,10kA	4	4
9	EQ DB,07	I/C		
	12WVTPN	MCCB,160A,FP,16kA	1	1

PANEL MATERIAL DETAILS 2/2				
20.1	W/S PP,9/7/1	I/C		
	4W ETPN	MCB,FP,16A,10K	1	1
		O/G		
		MCB,SP,10A,10k	12	12
20.2	W/S PP,9/7/2-5	I/C		
	12W ETPNx4 nos.	MCB,32A,FP,10kA	1	4
		O/G		
		MCB,SP,10A,10k	36	144
21	HUB SWITCH DB,9/8	I/C		
	4W VTPN	MCCB,100A,FP,16kA	1	1
		O/G		
		MCB,40A,TP,10kA	3	3
		MCB,16A,SP,10kA	1	1
		MCB BLANK PLATE	2	2
21.1	HUB1(4W SPN),9/8/1	RCCB,DP,16A,10kA	1	1
21.2	HUB 9/8/2,4	I/C		
	12W SPN DBx2	RCCB,40A,FP,30mA	1	2
		O/G		
		MCB,16A,SP,10kA	4	8
21.3	HUB 9/8/3	I/C		
	4W VTPN	RCCB,40A,FP,30mA	1	1
		O/G		
		MCB,16A,SP,10kA	5	5
		MCB BLANK PLATE	7	
22	EM.LTG.DB ,9/10	I/C		
	8W VTPN	MCB FP, 25A ,10 KA	1	1
		O/G		
		MCB TP 6A,10kA	6	6
22.1	EM.LTG.DB 9/10/1-5	I/C		
	12W SPN x 5NOS.	MCB FP, 6A ,10kA	1	5
		O/G		
		MCB SP,6A,10kA	6	30
23	WIFI DB, 9/9	I/C		
	12W SPN DB	MCB, FP, 40A ,10kA	1	1
		O/G		
		MCB SP,16A	6	6
23.1	WIFI DB 9/9/1-4)	I/C		
	8W SPN DBx4 NOS.	MCB DP 16A ,10kA	1	4
		O/G		
		MCB SP,10A,10kA	6	24
12.1	PDB12/1to 3	I/C		
	4WVTPNx3nos.	MCB,63A,FP,10kA	1	3
		O/G		
		MCB,40A,TP,10kA	4	12
12.2	PDB12/1/1,2	I/C		
	PDB12/2/1,2,3	MCB,40A,FP,10kA	1	8
	PDB12/3/1,2,3	O/G		
	4WETPNX8 nos	MCB,16A,SP,10kA	12	96
12.3	PDB12/5/1,2,3	I/C		
	PDB12/9/1,2,3,4	MCB,32A,FP,10kA	1	7
	8WSPNX7 nos	O/G		
		MCB,20A,TP,10kA	4	28
		20A,TPN,MCB+P&S+ENCL	12	12
12.4	PDB12/6to8	I/C		
	4WETPNX11 nos	MCB,40A,FP,10kA	1	11
		O/G		
		MCB,16A,SP,10kA	12	132
		20A,TPN,MCB+P&S+ENCL	9	9
12.5	PDB12/4	I/C		

		O/G		
		MCB,63A,TP,10kA	12	12
10	LDB,08	I/C		
	12WVTPN	MCCB,100A,FP,16kA	1	1
		O/G		
		MCB,32A,TP,10kA	11	11
		MCB,16A,SP,10kA	1	1
		MCB BLANK PLATE	2	2
11	UPS1 I/P	MCCB,250A,FP,36kA,encl.	1	1
12	UPS1 O/P	MCCB,250A,FP,36kA,encl.	1	1
9	UPSDB,4/12	I/C		
	12WVTPN	MCCB,250A,FP,36kA	1	1
		SPD	1	1
		`O/G		
		ISOLATOR,100A,TP,10kA	3	3
		MCB,63A,TP,10kA	4	4
		MCB,32A,TP,10kA	2	2
		MCB,25A,TP,10kA	1	1
		MCB,16A,SP,10kA	3	3
		MCB BLANK PLATE	6	6
14	UPS2 I/P	MCCB,250A,FP,36kA,encl.	1	1
15	UPS2 O/P	MCCB,250A,FP,36kA,encl.	1	1
4/10	SERVER RACK DB 4/10	I/C		
	6WVTPN	MCCB,250A,FP,36kA	1	1
		SPD	1	1
		`O/G		
		MCB,32A,TP,10kA	6	6
17	APFC PANEL	150 Kvar, set	2	2
18	LIFT PANEL,9/1	I/C		
	12W SPN	MCB,32A,FP,10kA	1	1
		O/G		
		MCB,32A,FP,10kA	1	1
		MCB,16A,DP,10kA	2	2
18.1	8WSPN	RCCB,32A,FP,30mA+ENCL.	1	1
18.2	4WSPN	RCCB,16A,DP,30mA+ENCL.	1	1
18.3	4WSPN	RCCB,16A,DP,30mA+ENCL.	1	1
19	EXT.LTG.DB,9/2	MCB,25A,FP,10kA	1	1
	8WSPN	LTG.TIMER PANEL	1	1
		O/G	0	0
		MCB,SP,16A,10k	4	4
20	W/S PP DB,9/7	I/C		
	8W VTPN	MCB FP,63A,10kA	1	1
		O/G		
		MCB,16A,TP,10kA	1	1
		MCB,32A,TP,10kA	5	5
		MCB BLANK PLATE	6	6
37	PDB3/1	I/C		
	4WVTPN	MCB,63A,FP,10kA	1	1
		O/G		
		MCB,32A,TP,10kA	3	3
		MCB BLANK PLATE	3	3
37.1	PDB3/1/1,2	I/C		
	4WVTPNx2	MCB,32A,FP,10kA	1	2
		O/G		
		MCB,32A,TP,10kA	7	14
		MCB BLANK PLATE	5	10
9.1	EQDB1&2	I/C		
	12WSPNx12	RCCB,63A,FP,30mA	1	12
		O/G		
		MCB,32A,TP,10kA	1	12
		MCB,32A,SP,10kA	1	12

	12W VTPN	MCCB,100A,FP,16kA	1	1
		O/G		
		MCB,20A,TP,10kA	12	12
12.6	PDB12/5	I/C		
	12W VTPN	MCCB,100A,FP,16kA	1	1
		O/G		
		MCB,20/32A,TP,10kA	10	10
		MCB,63A,TP,10kA	2	2
12.7	PDB12/6	I/C		
	12W VTPN	MCB,63A,FP,10kA	1	1
		O/G		
		MCB,20A,TP,10kA	6	6
		MCB,40A,TP,10kA	6	6
12.8	PDB12/7	I/C		
	8W VTPN	MCB,63A,FP,10kA	1	1
		O/G		
		MCB,40A,TP,10kA	5	5
		MCB,20A,TP,10kA	3	3
12.9	PDB12/8	I/C		
	8W VTPN	MCB,63A,FP,10kA	1	1
		O/G		
		MCB,40A,TP,10kA	6	6
		MCB,20A,TP,10kA	2	2
12.9	PDB12/9	I/C		
	8W VTPN	MCB,63A,FP,10kA	1	1
		O/G		
		MCB,32A,TP,10kA	4	4
		MCB,20A,TP,10kA	4	4
31	ST LTG.BOX 15 nos.	I/C		
		MCB,6A,DP,10kA+ENCL	1	15
32	DG PCC 3/1	ACB,2000A,FP,50kA	1	1
		BUSBAR,	3	3
		2500A,ALU.TPN, SET	1	1
	O/G	ACB,2000A,FP,16kA	1	1
		MCCB,160A,FP,16kA	1	1
33	FF C/O PANEL	ATS,160A,FP,	1	1
34.1	PDB06/1/1,2,4,9,10,	I/C		
	12W SPNx5NOS.	MCB FP,40A,	1	5
		O/G		
		MCB,32A,TP,10kA	6	30
		MCB BLANK PLATE	6	30
34.2	PDB4/1/3,5,6,7,8,	I/C		
	12W SPNx5NOS.	MCB FP,32A,	1	5
		O/G		
		MCB,32A,TP,10kA	6	30
		MCB BLANK PLATE	6	30
1	UPS2DB 4/15	I/C		
	8WVTPN	MCCB 250A, FP,,16KA	1	1
		O/G		
		100A ISO.TP,10kA	8	8
2	UPS2DB4/15/1TO 5	I/C		
	4WVTPNx5NOS.	MCCB 100A, FP,,16KA	1	5
		O/G		
		MCB,63A,TP,10kA	1	20
3	UPS2DB4/15/1/1TO 3	I/C		
	4WVTPNx3NOS.	MCB,63A,FP,10kA	1	3
		O/G		
		MCB,20A,TP,10kA	1	3
		MCB,16A,SP,10kA	6	18
4	UPS2DB4/15/2/1TO 3	I/C		
	4WVTPNx3NOS.	MCB,63A,FP,10kA	1	3

10.1	LDB8/2,3,4,5	I/C		
	12WVTPNx4	RCCB,32A,FP,30mA	1	4
		O/G		
		MCB,10A,SP,10kA	36	144
10.2	LDB8/1,6,7	I/C		
	8WVTPNx3	RCCB,32A,FP,30mA	1	3
		O/G		4
		MCB,10A,SP,10kA	24	72
10.3	LDB8/8,9	I/C		
	4WVTPNx2	RCCB,32A,FP,30mA	1	2
		O/G		
		MCB,10A,SP,10kA	12	24

		O/G		
		MCB,20A,TP,10kA	1	3
		MCB,16A,SP,10kA	6	18
5	UPS2DB4/15/3/1TO 3	I/C		
	4WVTPNx3NOS.	MCB,63A,FP,10kA	1	3
		O/G		
		MCB,20A,TP,10kA	1	3
		MCB,16A,SP,10kA	6	18
6	UPS2DB4/15/4/1TO 3	I/C		
	4WVTPNx3NOS.	MCB,63A,FP,10kA	1	3
		O/G		
		MCB,20A,TP,10kA	1	3
		MCB,16A,SP,10kA	6	18
7	UPS2DB4/15/4/1TO 3	I/C		
	4WVTPNx3NOS.	MCB,63A,FP,10kA	1	3
		O/G		
		MCB,20A,TP,10kA	1	3
		MCB,16A,SP,10kA	6	18