



भारतीय विमानपत्तन प्राधिकरण

AIRPORTS AUTHORITY OF INDIA

Aurangabad Airport , (Engineering – Electrical)

NOTICE INVITING QUOTATION

Ref: - AAI/AU/Engg(E)/AGM(E-E)/NIQ-RAPFC/2022-23/

Date: 30.05.2022

Name of Work: - ARMO 2022-23. SH: Repairing of APFC panels at Aurangabad Airport.

Sealed Item Rate Quotations are invited from eligible agencies for above work having estimated Amount **Rs.2,57,138/-** (Excluding GST) by Asst. General Manager (Engg.-Electrical), Aurangabad Airport, AAI, Aurangabad- 431007 (Maharashtra) on Behalf of Chairman, Airports Authority of India.

Last Date and time of Receipt of duly filled Quotation Form in 02 (Two) separate envelopes as per “method of submission” mentioned in quotation form (attached herewith), in the office of the Asst. General Manager (E-E), Aurangabad Airport, AAI, Aurangabad- 431007 (Maharashtra).	:	07/07/2022 at 15.00 Hrs.
Date & time of Envelope Ist Opening of Quotation	:	07/07/2022 at 15.30 Hrs.
Date & time of Envelope IInd Opening of Quotation	:	09/07/2022 at 15.30 Hrs.

Blank Quotation forms can be downloaded from website <https://www.aai.aero/> and shall be downloaded from tender tab.

“Method of submission” mentioned in quotation form shall be followed strictly. Duly filled quotation format shall be submitted as mentioned above. Any quotation submitted, through email shall not be entertained.

Any deviation in “method of submission” may cause disqualification of quotation and hence such quotation will not be considered.

Asstt. General Manager (Engg.-Electrical),
Airports Authority of India, Aurangabad Airport,
Aurangabad- 431007 (Maharashtra), On Behalf of Chairman
Airports Authority of India



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QUOTATION FORM

Downloaded by;

Agency Name

Submitted to:

Asstt. General Manager (Engg.-Electrical),

Aurangabad Airport,

Aurangabad- 431007 (Maharashtra).

Name of work: - ARMO 2022-23. **SH:** Repairing of APFC panels at Aurangabad Airport.

Critical Dates: -

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1. **Eligibility Criteria:** - Applying Agency should have valid Permanent Account Number (PAN), GST Registration, and Work Experience for Repairing of Automatic power factor correction panel with work order, Schedule of Quantities and completion certificate.
2. **Method of Submission:** - The quotations shall be submitted in the prescribed form in 02 (two) envelopes. The contents of the envelopes shall be as follows:

Name of the work as mentioned above, Envelope No., Address of officer and Name & address of submitting agency shall be mentioned on the envelope.

Envelope- I: - Pre-qualification documents shall contain self-attested copies of

- i) Permanent Account Number (PAN).
- ii) GST Registration.

iii) Should have satisfactorily completed (# Phase/Part completion of the **scope of work** in a contract shall not be considered, however pre-determined phasing of the work will be accepted) three works, **each of Rs. 1.03 Lacs or two works, each of Rs. 1.29 Lacs Or one work of Rs. 2.06 Lacs in single contract of similar during last seven years ending on 07.07.2022.**



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“The value of executed works shall be brought to current level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to the last date of submission of bid i.e., 07.07.2022.”

Client certificate for experience should show the nature of work done, the value of work, date of start, date of completion as per agreement, actual date of completion and satisfactory completion of work. Bidder showing work experience certificate from non-government/ non-PSU organizations should submit copy of tax deduction at sources (TDS) certificate (s) along with a certificate issue by registered Chartered Accountant, clearly specifying the name of work, total payment received against the work and TDS amount for the work.

Envelope- II: - Price Bid shall contain this quotation form duly signed by agency on all pages. Rates shall be quoted in the prescribed column in attached Annexure- “A” (Schedule of quantity).

3. **Procedure of Opening of Quotations:** - Envelope No. 1 will be opened on prescribed date and time in the office of Asstt. General Manager (Engg.-Electrical), Airports Authority of India, Aurangabad Airport, Aurangabad-431007 (Maharashtra) in presence of bidders (if any), on scrutiny of documents in envelope no. 1 (Pre-Qualification documents) for fulfilling eligibility criteria the envelope no. 2 (i.e., price bid) will be opened.
4. **Award of Work:** - Work will be awarded to the firm offering lowest price for the work.
5. **Time period of work:** - The period for work will be of 60-Days.
6. **Condition for work execution:** -
 - a) Items supplied shall meet the requirement as per schedule as Annexure- “A”.
 - b) The Agency shall be responsible for all damage in transport.
7. **Price:** - The rates quoted shall be inclusive of all taxes, duties but excluding GST as applicable.
8. Agency shall be responsible for compliance with all obligations and restrictions imposed under the rules and regulation of regulation authority for material .
9. The Agency is advised to study the schedule of work/quantities. Also, to quote rate against each item shown in Schedule-A attached. Special care shall be taken to write rates in “FIGURES’ and as well as in words and the AMOUNT in FIGURES only in such a way that interpolation is not possible. The total amount shall be written both in words and Figures. Agency shall inspect the site and deemed to have full knowledge of the work before the quotations are submitted.
10. On completion, each item of supply shall be jointly measured by you or your authorized representative and the Asstt. General Manager (Engg.-Electrical), or his representative.



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11. After satisfactory completion of the work, final bill shall be submitted by you to the Asstt. General Manager (Engg.-Electrical), Airports Authority of India, Aurangabad Airport, Aurangabad- 431007 (Maharashtra) and the same shall be processed with the following documents:
- a) Certificate of completion of work issued by the Asstt. General Manager (Engg.-Electrical).
 - b) GST invoice and other relevant documents, if any.

TERMS OF PAYMENT: - Final bill will be paid after satisfactory completion of work at site with the necessary documents after deducting security deposit@ 10%, IT, Labour Cess@1%, TDS GST @2% as applicable and SD shall be released after successful completion of **defects Liability period of Six Months**. GST shall be reimbursed to the agency after production of original GST invoice.

12. **COMPENSATION FOR DELAY/POOR PERFORMANCE:** - If you fail to complete the work within the stipulated period and no justifiable reasons are found for the delay, Compensation for delay shall be levied at the rate of 1% of total value of work order per week subjected to a maximum of ten percentage of the bill amount.
13. **IN – CHARGE:** Asstt. General Manager (Engg.-Electrical), Airports Authority of India, Aurangabad Airport, Aurangabad- 431007 (Maharashtra) who will be the in - charge for this work.
14. The quotation shall be valid for 90 days from the date of opening.
15. Airports Authority of India reserves the right to reject any or all quotations and will not be bound to accept the lowest quotation.
16. The Agency shall sign in the place provided at below as a proof of acceptance of conditions and the same shall be returned along with schedule (i.e. price bid).

(Signature and stamp of the Agency)

Encl: Schedule of Quantity



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Annexure -A

AIRPORTS AUTHORITY OF INDIA
ENGINEERING ELECTRICAL WING
AURANGABAD AIRPORT, AURANGABAD

Schedule of Quantities

Name of work: - ARMO 2022-23. SH: Repairing of APFC panels at Aurangabad Airport.

Sl No.	Description	Unit	Qty.	Rate (Rs.) Excluding GST		Amount (Rs.) Excluding GST
				In figure	In words	
1	Supply of following capacity 03 Phase, 440 V AC, Delta Connected, heavy duty Capacitor Bank, cylindrical MPP Type, with discharge Resistors, insulation level - 3 KV RMS, Tolerance $\pm 10\%$, Frequency 50 Hz, Temp Catog. -10°C to 50°C Harmonic Elimination upto 35%, voltage withstand - 20-30% as per latest IS 13585 (Part 1)-2012, IEC 60931-1 1996. 7.5 kVAr @ 440 V AC, HD Type	Each	4			



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2	Supply of following capacity 03 Phase, 440 V AC, Delta Connected, heavy duty Capacitor Bank, cylindrical MPP Type, with discharge Resistors, insulation level - 3 KV RMS, Tolerance $\pm 10\%$, Frequency 50 Hz, Temp Catog. -10°C to 50°C Harmonic Elimination upto 35%, voltage withstand - 20- 30% as per latest IS 13585 (Part 1)-2012,IEC 60931-1 1996. 12.5 kVAr @ 440 V AC, HD Type	Each	4			
3	Supply of following capacity 03 Phase, 440 V AC, Delta Connected, heavy duty Capacitor Bank, cylindrical MPP Type, with discharge Resistors, insulation level - 3 KV RMS, Tolerance $\pm 10\%$, Frequency 50 Hz, Temp Catog. -10°C to 50°C Harmonic Elimination upto 35%, voltage withstand - 20- 30% as per latest IS 13585 (Part 1)-2012,IEC 60931-1 1996. 25 kVAr @ 440 V AC, HD Type	Each	8			



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4	Supply of following capacity 03 Phase, 440 V AC, Delta Connected, heavy duty Capacitor Bank, cylindrical MPP Type, with discharge Resistors, insulation level - 3 KV RMS, Tolerance $\pm 10\%$, Frequency 50 Hz, Temp Catog. -10°C to 50°C Harmonic Elimination upto 35%, voltage withstand - 20-30% as per latest IS 13585 (Part 1)-2012, IEC 60931-1 1996. 50 kVAr @ 440 V AC, HD Type	Each	16			
5	Supply of copper wound 7% detuned series reactor suitable for 03 Phase, 440 V AC, Delta Connected, heavy duty 100 kVAr @ 440 V AC capacitor bank, cylindrical MPP type as per latest IS specifications. 100 kVAr 7% Cu wound series reactor	Each	1			
6	Installation, testing and commissioning of capacitors upto 50 kVAr including dismantling of existing capacitors and rewiring with 1.1 kV 1C x 16 Sq. mm grade PVC insulated single core multi strand copper conductor FRLS industrial cable conforming to IS 694:1990 (Approved make as Annexure-B) etc. complete as required.	Job	32			



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7	Installation, testing and commissioning of 100 kVAr reactors including dismantling of existing reactors and rewiring with 1.1 kV 1C x 35 Sq. mm grade PVC insulated single core multi strand copper conductor FRLS industrial cable conforming to IS 694:1990 (Approved make as Annexure-B) etc. complete as required. etc. complete as required.	Job	1			
8	Supply of 225 mm sweep, single phase, 50 Hz, 1400 rpm, exhaust fan suitable for APFC panel (Model: Crompton Transair or equivalent) as required.	Each	4			
Total Rs.						

(Rupees in words

Signature and Stamp of the firm



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Annexure-B

LIST OF APPROVED MAKES FOR ELECTRICAL WORKS

S. NO	ITEMS	APPROVED MAKES		CATEGORY OF TEST CERTIFICATE / INSPECTION
1	2	3	4	5
1	CAPACITORS	CAT-A&B	SHREEM/ L&T/ LEGRAND/ ABB/ TDK(EPCOS)/ NEPTUNE/ SCHNEIDER / GE POWER / VOLTAS/ BHEL / KHATAU ZANKAR / USHA/ MATRIX	CATEGORY - 2
2	EXHAUST/ FRESH AIR FAN	CAT-A&B	ANCHOR / HALONIX/ GM/ RR/ GEC /CROMPTON / KHAITAN / ALMONARD/ BAJAJ	CATEGORY - 2
3	PVC INSULATED COPPER WIRE	CAT-A	KEI/ PARAMOUNT/ BONTON/ RAJNI GANDHA/ CMI/ ANCHOR / MESCAB/ ALOKE/ GOLD MEDAL/ APAR/ GRANDLAY/ GM/ RALLISION/ BATRA HENLAY/ ZENIUM/ RR KABEL/ BHANSALI/ GLOSTER/ NATCAB/ PARAGON/ BCH/ SKYLINE/ PLAZA/ V GUARD/ FINOLEX / HAVELLS/ INDO ASIAN/ CRYATAL/ POLYCAB/ KDK EVERSHERE/ FINECAB/ CAPCAB/ STANDARD	CATEGORY - 2
		CAT-B	GALAXY CONCAB & ALL MAKES IN CAT-A	

CATEGORY REQUIREMENT OF TEST CERTIFICATE/INSPECTION

CATEGORY- 1:

- a) Type test certificate for similar item done. If not, one of the items offered is to be type tested.
- b) OEMs routine test certificate.
- c) Acceptance test to be conducted in the presence of AAI representative at OEMs factory.

CATEGORY - 2:

- a) Type test certificate for similar item done. If not, one of the items offered is to be type tested.
- b) OEMs routine test certificate.
- c) Visual and functional check by AAI official at AAI airport site.

CATEGORY - 3:

- a) OEM/Dealer/Contractor routine test certificate.
- b) Visual and functional check by AAI official at AAI airport site

CATEGORY - 4:

- a) Visual and functional check by AAI official at AAI airport site.