

Patients' Aid Foundation (PAF-JPMC)
Jinnah Postgraduate Medical Centre (JPMC)
Karachi.

TENDER FOR
SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF EQUIPMENTS FOR
SARDAR YASIN MALIK MEDICAL COMPLEX (SYMMC) & RABIA RASHEED
SOORTY BUILDING (RRSB) EMPLOYEE WARD AT
JINNAH POSTGRADUATE MEDICAL CENTRE-KARACHI

For The Financial Year 2025-26
Due on 28th October 2025

Technical Evaluation Report
Tender No 11: HVAC

1. Tender was advertised on **26th September 2025** in **Daily Dawn (Karachi & Islamabad), Daily Jung (Karachi & Pindi), Daily Kawish.**
2. Following bidders participated in the above tenders:
 - a. M/s DWP Technologies (Pvt.) Limited Make: GREE
 - b. M/s Pakistan Air Conditioning and Refrigeration Corporation (PARC) Pvt. Ltd.
3. Technical opening of the tender was held on **28th October 2025.**
4. Technical evaluation was initiated with mandatory documents check list in which both above stated bidders complied on required documents.
5. Bidders were technically evaluated by **M/s NESPAK** on behalf of tendering authority as:

| Tender | Bidder (s) | Comments |
|----------|--|--------------------------|
| 11. HVAC | M/s DWP Technologies (Pvt.) Limited Make: GREE | Technically Approved |
| | M/s Pakistan Air Conditioning and Refrigeration Corporation (PARC) Pvt. Ltd. | Technically not Approved |

The bidder-wise findings of technical evaluation are listed herein below which are based on information provided in original Bid as well as response received against post bid clarifications:



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1. M/s DWP Technologies (Pvt.) Limited Make: GREE
Country of Origin: China

- The offered make and origin of Split ACs is acceptable. However, no specific model has been mentioned by the Bidder.
- The bidder has offered GREE outdoor units with Gold Fin coating. It is noted that Gold Fin coating generally applies only to condenser fins and does not constitute full anti-corrosive protection of the outdoor unit.
- As per Clause 2-02 of Technical Provisions, the outdoor units are required to be fully protected for operation in humid and saline (coastal) environment of Karachi. This necessitates comprehensive factory-applied anti-corrosive coating covering the condenser, copper tubing, compressor body, casing, base frame, fasteners, and all exposed metallic components.
- Furthermore, comprehensive anti-corrosive coating results in capacity deration. Therefore, coating must be applied by the principal manufacturer and selection sheets indicating net capacity after coating are required from manufacturer. The specific cooling capacity shall be met after deration, not based on nominal catalogue ratings.
- Confirmation of above comment, offered models and their selection details are required from the Bidder.

Conclusion:

The offered equipment generally fulfils tender specifications, except for the protective coating confirmation and unit selection details as mentioned above. Bidder is required to submit manufacturer's compliance confirmation and derated selection sheets for full anti-corrosive coated outdoor units as per Project requirements.

2. M/s Pakistan Air Conditioning and Refrigeration Corporation (PARC) Pvt. Ltd.
Make: Daikool
Country of Origin: Pakistan

The bidder did not provide complete information of offered units in the bid. Therefore, compliance of offered Daikool units with Tender Specifications cannot be established. Following important information is needed from Bidder:

Technical Catalogue

- Provide model numbers and complete technical catalogue of the offered indoor and outdoor units, including construction details, performance data, operating limits, and environmental suitability.
- Provide details of the selection software or calculation methodology used for unit selection, along with relevant output sheets for the offered models.

Compressor Details

- Submit details of the compressor make, model, country of origin, and rated performance, along with manufacturer literature/datasheets.

Condenser Details

- Submit details of the condenser make, type (tube material, fin type, coating) and construction, along with manufacturer literature/datasheets.

Anti-Corrosive Coating Confirmation



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- As per Clause 2-02 of Technical Provisions, the outdoor units are required to be fully protected for operation in humid and saline (coastal) environment of Karachi.
- Bidder to clarify and confirm that offered outdoor units are provided with comprehensive factory-applied anti-corrosive coating, suitable for operation in the humid and saline (coastal) environment of Karachi. Details of same are to be provided.
- The coating shall cover the condenser, copper piping, compressor body, casing, base frame, fasteners, and all exposed metallic components. Confirmation shall be supported by manufacturer documentation.
- Confirm whether the anti-corrosive coating is applied at the principal manufacturer / assembly plant and not as a site-applied or aftermarket process. Submit official confirmation from the manufacturer.
- As anti-corrosive coating impacts heat transfer, submit manufacturer-approved selection sheets indicating the net cooling capacity after coating/deration, confirming that the specified capacity requirements are met after deration.

Conclusion:

The provided information is not enough to substantiate the current submission as complaint solution. Therefore, the offered solution is not acceptable, unless the bidder submits all relevant technical datasheets, literature etc. and compliance of all above mentioned documentation to meet Tender Specifications.



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Prof. Tariq Mahmood (T.I)
Secretary Procurement Committee
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