FINAL EVALUATION REPORT

(As per Rule 35 of PP Rules 2004)

1	Name of Procuring Agency:	**Karachi Port Trust**
2	Method of Procurement:	**Notice for tender invitation through news paper published in Daily Business Recorder and Daily Express on 21.01.2025 and tender documents uploaded in KPT & PPRA websites on 23.01.2025 under PPRA rule 36(b) i.e. single stage two envelope procedure.**
3	Title of Procurement:	**Supply, installation & commissioning of 144 KW on-grid solar system at berths 1 to 4, East Wharf.**
4	Tender Inquiry No:	**E-02/2025**
5	PPRA Ref. No (TSE):	**TS 555355E**
6	Date & Time of Bid Closing:	**20-02-2025 at 11:00 hrs**
7	Date & Time of Bid Opening:	**20-02-2025 at 11:30 hrs**
8	No of Bids Received:	**07 Nos**
9	Criteria for Bid Evaluation:	**As per TEC**
10	Details of Bid(s) Evaluation:	**Given Below**

Name of Bidder	**Marks (Weightage)**		**Total Marks (Weightage)**	**Evaluated Cost**	**Rule/ Regulation/SBD/policy /Basis for Rejection/ Acceptance as per Rule 35 of PP Rules,2004**
	Technical (if applicable)	**Financial (if applicable)**			
M/s Ideal power solutions (Pvt) Ltd	70	29.96	**99.96**	Rs 12,899,011/-	Most Advantageous bid Accepted
M/s Direct Energy (Pvt) Ltd	69.3	22.26	**91.56**	Rs 17,366,108/-	
M/s Renewable Stars (Pvt) Ltd	67.2	23.99	**91.19**	Rs 16,112,414/-	
M/s A.A. Enterprises	66.15	21.90	**88.05**	Rs 17,647,400/-	
M/s Iceberg Industries	54.6	30	**84.6**	Rs 12,886,078/-	
M/s Creative Electronics (Pvt) Ltd	64.75	16.26	**81.01**	Rs 23,767,314/-	
M/s Beyondgreen (Pvt) Ltd	63.35	-	**-**	-	Firm not interested to extend the validity therefore financial bid not opened.

Most Advantageous Bidder **M/s Ideal power solutions (Pvt) Ltd**

11. Any other additional / supporting information, the procuring agency may like to share.
Attached

Signature:.....

TEC Convener: Dy. Chief Electrical Engineer (O&M) Karachi Port Trust

Official Stamp:.....

No.(M)/Elect/ DCEE(O&M)/09
Dated 07-07-25

Mech & Elect Engg Deptt.
M.I. YARD , West Wharf,
Karachi

DY.CHIEF ELECT. ENGINEER(S&C)

SUBJECT: SUPPLY INSTALLATION & COMMISSIONING OF 144KW ON-GRID SOLAR SYSTEM AT BERTHS 1 TO 4, EAST WHARF.

Reference:
DCEE(S&C) letter No. (M)/Elect/02/2025/223 Dated 02-07-2025

In pursuance to the tender vide reference above, it is intimated that financial bids of following six firms for said tender have been scrutinized:

i. M/s. A & A Enterprises
ii. M/s. Renewable Stars (Pvt) Ltd
iii. M/s. Creative Electronics (Pvt) Ltd
iv. M/s. Iceberg Industries
v. M/s. Direct Energy (Pvt) Ltd
vi. M/s. Ideal Power Solutions (Pvt) Ltd

Financial bid quoted price by each firm is as under:

M/s. A&A Enterprises	M/s. Renewable Stars (Pvt) Ltd	M/s. Creative Electronics (Pvt) Ltd	M/s. Iceberg Industries	M/s. Direct Energy (Pvt) Ltd	M/s. Ideal Power Solutions (Pvt) Ltd
Rs. 17,647,400/=	**Rs. 16,112,414/=**	**Rs. 23,767,314/=**	**Rs. 12,886,078/=**	**Rs. 17,366,108/=**	**Rs. 12,899,011/=**

Technical score secured by above six firms in technical bid:

M/s. A&A Enterprises	M/s. Renewable Stars (Pvt) Ltd	M/s. Creative Electronics (Pvt) Ltd	M/s. Iceberg Industries	M/s. Direct Energy (Pvt) Ltd	M/s. Ideal Power Solutions (Pvt) Ltd
66.15 Technical Score	**67.2 Technical Score**	**64.75 Technical Score**	**54.6 Technical Score**	**69.3 Technical Score**	**70 Technical Score**

Formula for evaluation of Financial Bid & Total Score as per TEC:

Financial Score = $\frac{\text{Lowest Bid Price}}{\text{Bidder's Quoted Price}}$ **X 30**

Total Score = Technical Score + Financial Score

Financial and Total Score secured by each firm for said tender is as under:

M/s. A&A Enterprises	M/s. Renewable Stars (Pvt) Ltd	M/s. Creative Electronics (Pvt) Ltd	M/s. Iceberg Industries	M/s. Direct Energy (Pvt) Ltd	M/s. Ideal Power Solutions (Pvt) Ltd
12,886,078x30 17,647,400 21.90 Financial Score	12,886,078x30 16,112,414 23.99 Financial Score	12,886,078x 30 23,767,314 16.26 Financial Score	12,886,078x 30 12,886,078 30 Financial Score	12,886,078x30 17,366,108 22.26 Financial Score	12,886,078x30 12,899,011 29.96 Financial Score
66.15 + 21.90 = 88.05 Total Score	67.2 + 23.99 = 91.19 Total Score	64.75 + 16.26 = 81.01 Total Score	54.6 + 30 = 84.60 Total Score	69.3 + 22.26= 91.56 Total Score	70 + 29.96 = 99.96 Total Score

Therefore, M/s. Ideal Power Solutions (Pvt) Ltd is having highest score and considered as most advantageous bid according to PPRA rules. So M/s. Ideal Power Solutions(Pvt) Ltd is recommended for said tender case.

Enclosed: Financial Bids Comparisions
Original File for Financial Bids

27/2/25

DY. CHIEF ELECT. ENGINEER (O&M)

FOR FINANCIAL BID

KARACHI PORT TRUST
MECH. & ELECT. ENGR DEPTT.

SCOPE OF WORK / BILL OF QUANTITY

SUPPLY INSTALLATION & COMMISSIONING OF 144KW ON-GRID SOLAR SYSTEM AT BERTHS 1 TO 4, EAST WHARF.

S. NO.	DESCRIPTION	QTY	KPT Estimate	M/s. A&A Enterprises	M/s. Renewable Stars (Pvt) Ltd	M/s. Creative Electronics (Pvt) Ltd	M/s. Iceberg Industries	M/s. Direct Energy (Pvt) Ltd	M/s. Ideal Power Solutio (Pvt)Ltd
1.	**Solar Panel :** Supply / providing of Tier-1, Grade-A, 580W to 600W, Monoperc, Half cut, HIMO6, N type of reputable make as per international standard,IEC61215,IEC61730,ISO 9001,ISO14001,ISO45001	248 Nos.	6,200,000	5,208,000	5,338,944	5,958,145	4,526,496	6,904,320	6,474,762
2.	**Inverter :** Supply / providing of Tier-1, Grade-A, On-Grid 125KW Inverter of reputable make as per international standard IEC62109,IEC61727,IEC62116,IEC60068,IEC61683,IEC61000-6-2,IEC61000-6-4, including Wi-Fi Stick & Data Logger.	01 No.	2,000,000	1,700,000	1,552,500	1,371,700	1,041,102	1,335,000	1,372,882
3.	**Lighting Arrestors:** Supply / providing of Copper Lighting arrestors (Height=1m) imported make of reputable brand.	01 Nos.	100,000	200,000	28,750	236,500	17,550	90,000	165,000
4.	**AC / DC Earthing:** Supply / providing of Copper Rod with Earthing Powder with Boring at less than 5 ohms (upto 25ft) for AC/DC Earthing Pits of lighting arrestors, Solar Panels & Inverters.	02 Jobs	200,000	300,000	172,500	236,500	280,800	120,000	60,000
5.	**Aluminum Roof Mounted Structure:** Supply / providing of Aluminum L2/L3 12-gauge thickness Roof Mounted Structure. Supply / providing of Aluminum T & Z clamps, SS Nut Bolts (with SS washers) and Anchor Rawal Bolts 3" with GI washer Civil Foundations pads of concrete blocks (12"x12"x12")	01 Complete job	1,500,000	2,880,000	2,712,996	1,953,490	367,517	1,962,720	1,054,237

S. NO.	DESCRIPTION	QTY	KPT Estimate	M/s. A&A Enterprises	M/s. Renewable Stars (Pvt) Ltd	M/s. Creative Electronics (Pvt) Ltd	M/s. Iceberg Industries	M/s. Direct Energy (Pvt) Ltd	M/s. Ideal Power Solutio (Pvt)Ltd
6.	**BoS (Balance of System):** Providing 4 pole AC MCCB breaker 200Amp make Chint/Himel or equivalent	01 No.	5,000,000	4,000,000	11,500	17,738	25,740	4,602,880	10,169
	Providing 4 pole DC breaker 1000V 16 Amp make Chint/Himel or equivalent	15 Nos.			43,125	101,104	100,035		68,644
	Providing AC Surge Arrestor / SPD 40KVA make Chint/Himel or equivalent	01 No.			9,200	18,920	18,720		8,898
	Providing of AC Cable 95mm^2, 4 Core PVC make Pakistan Cables / Fast Cables or equivalent	50 Meters			862,500	857,313	702,000		652,542
	Providing DC Cable 4mm^2 1500VDC IEC certified Cu/XLPO make Pakistan Cables / Fast Cables or equivalent	4500 Meters			1,164,375	1,133,426	1,421,550		858,051
	Providing Cat 6 cable IEC Certified of reputable make	As per required at site.			20,000	29,528	9,360		4,576
	Providing Earthing cable coil for panel 4mm^2 Cu/ PVC make Pakistan Cables / Fast Cables or equivalent	02 Coils			45,058	40,725	136,890		32,034
	Providing Earthing cable coil 10mm^2 Cu/ PVC make Pakistan Cables / Fast Cables or equivalent	01 Coil			57,004	51,890	78,975		41,580
	Providing Earthing cable coil 50mm^2 Cu/ PVC make Pakistan Cables / Fast Cables or equivalent	150 meters			423,000	372,665	403,650		298,729
	Provide complete MS distribution boxes AC/DC IP-20 reputable make and required size with indication lamps, Digital Volt & Ammeter and with all necessary railings & fittings etc as per site requirements.	02 Nos.			36,000	70,950	76,050		60,000
	Provide MC 4 connector & fuse connectors, cable tie, rawal bolt, lugs, perforated duct etc.	1 Job			50,000	92,235	43,524		140,608
	Providing of GI-Cable tray 18-Gauge & U-PVC pipe & Flexible pipe size 1" to 2" with accessories for ducting & piping of cables	1 Job			75,000	1,359,875	261,144		32,000
7.	**Services :** Installation, Commissioning, Net Metering (including KE charges will be responsibility of contractor) and Services of S. No. 1 to 6.	01 Complete job	500,000	500,000	1,615,245	3,145,450	261,144	180,000	420,732

8.	**03 Years Preventive Maintenance:** After the warranty period of 12 months the contractor / firm would be required to provide 3 years preventive maintenance services and repairs without spare parts. A complete job in all respect as required at site.	01 Com plete job	1,000,000	1,000,000	300,000	4,216,740	175,500	595,026	178,840
	Grand Total Amount (Including 18% GST & 15% SST on applicable items) Rs :		**Rs. 18,309,000**	**Rs. 17,647,400** **M/s. A&A Enterprises**	**Rs. 16,112,414** **M/s. Renewable Stars (Pvt) Ltd**	**Rs. 23,767,314** **M/s. Creative Electronics (Pvt) Ltd**	**Rs. 12,886,078** **M/s. Iceberg Industries**	**Rs. 17,366,108** **M/s. Direct Energy (Pvt) Ltd**	**Rs. 12,899,011** **M/s. Ideal Power Solutio (Pvt)Ltd**

7/7/25

DY. CHIEF ELECTRICAL ENGINEER (O&M)

Convener