



**DIRECTORATE GENERAL,
AGRICULTURAL ENGINEERING &
WATER MANAGEMENT SINDH,
HYDERABAD**

Tel: 022-9200043-9200091

Fax: 022-9200052

Email dg@aewm.org

No.DG/AE&WM/Tech-III/Engg-09/ 126 /2015,
Hyderabad dated,

03 -
March, 2015

To,

→ The Director,
Agricultural Engineering,
Sindh, Hyderabad.

**SUBJECT: EXTENSION OF BID VALIDITY PERIOD FOR THE SCHEME
"PROVISION OF SOLAR WATER PUMPS ON 50% SUBSIDY IN
SINDH" ADP # 24.**


I am directed to enclose herewith copy of letter No. 13(347)SO(Dev)/MF
Dated 24.02.2015 received from Section Officer (Dev), Agriculture, Supply & Prices
Department, Government of Sindh Karachi on the subject matter.

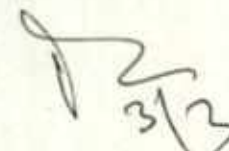
It is for kind information and necessary action.

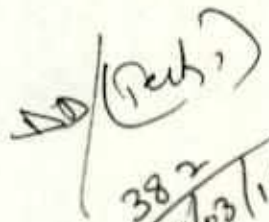

**(IKRAMUL HAQUE SHAIKH)
AGRICULTURAL ENGINEER**

CC forwarded to:

- PA to Director General, Agricultural Engineering & Water Management, Sindh
Hyderabad.


AGRICULTURAL ENGINEER


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No.13(347)SO(DEV)/MF
GOVERNMENT OF SINDH
AGRICULTURE, SUPPLY &
PRICES DEPARTMENT
Karachi dated 24-02-2015

Phone: 99211806
Fax No. 992 1805
E-Mail: info@sindhagri.gov.pk
www.sindhagri.gov.pk

To,

The Director General,
Agricultural Engineering &
Water Management Sindh,
Shahbaz Building Block "C"
Hyderabad.

SUBJECT:- EXTENSION OF BID VALIDITY PERIOD FOR THE SCHEME
"PROVISION OF SOLAR WATER PUMPS ON 50% SUBSIDY IN
SINDH" ADP # 24.

I am directed to refer to letter No.DG/AE&WM/ENGG/278/15 dated 19-02-2015 on the subject noted above and to convey the approval for extension of bid validity period upto 90 days as per SPPRA Rules/ Procedure.

M. Taufiq 24-02-15
(MUHAMMAD TAUFIQUE)
SECTION OFFICER (DEV:)

C.c. to:-

P.S. to Secretary Agriculture, Supply & Prices Department, Govt. of Sindh, Karachi.

DD (T)
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27/2/15

gdr.
27/2/15
A.E (LTR)
Pl. dis cur



022-9200059
director.dae@gmail.com

**DIRECTORATE
AGRICULTURE ENGINEERING
SINDH HYDERABAD**

No: DAE/Stores-961 / 453 /15
Hyderabad dated: 04/03/15

To,

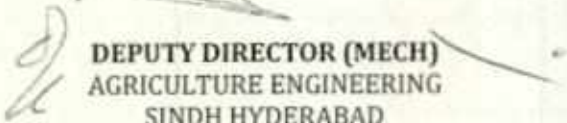
M/s Pak Oasis Industries (Pvt.) Ltd.
Karachi.

SUBJECT: TENDER NO. DAE/STORES-961/1522/14 DATED 16.10.2014 FOR THE PROCUREMENT OF SOLAR WATER PUMPS ALONGWITH ALLIED PIPING ON TURNKEY BASIS (DELIVERY 5")

I am directed to inform you that the bid Validity of the subjected tender is going to be expired on 08.03.2015. In this regard the department has obtained a permission to extend the bid validity for further 90 days as per provision of SPPRA Rules 2010 Rule 38.

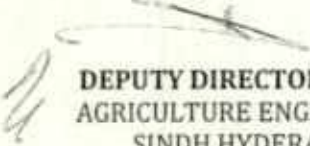
In pursuance of SPPRA Rule 38, 2010 Sub Rule 3, you are advice to extend the bid validity period for further 90 days. You may refer SPPRA Rule 38 sub Rule 6 & 7 for further details.

Your response should reach to this office on or before 09.03.2015.


**DEPUTY DIRECTOR (MECH)
AGRICULTURE ENGINEERING
SINDH HYDERABAD**

C.C. to the:-

- Director General, Agriculture Engineering & Water Management Sindh Hyderabad for kind information.
- PS to Secretary to Government of Sindh, Agriculture, Supply & Prices Department, Sindh Hyderabad for information.
- Director CB, SPPRA Karachi for information.


**DEPUTY DIRECTOR (MECH)
AGRICULTURE ENGINEERING
SINDH HYDERABAD**



Pak Oasis Industries (Pvt.) Ltd.

POIL/AGRI/5/2015

March 6, 2015

Deputy Director (Mech)
Agriculture Engineering
Sindh Hyderabad

Your Ref No DAE/STORES 961/453/15

SUBJECT: TENDER NO. DAE/ STORES-961/1522/14 DATED 16.10.2014 FOR THE PROCUREMENT OF SOLAR WATER PUMPS ALONG WITH ALLIED PIPING ON TURNKEY BASIS.

Sir,

With reference to your letter ref no DAE/STORES-961/453/15 dated March 4, 2015 regarding the subject project.

As requested by you, we are hereby extending our bid validity for further 90 days.

In case of any further information please feel free to contact.

Thanking and assuring you of our best services and cooperation at all times.

Yours faithfully,

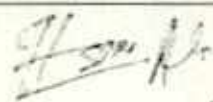
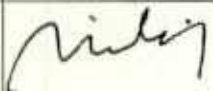
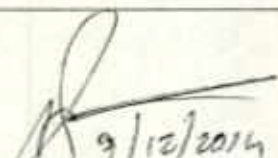

Pak Oasis Industries Private Limited

For and on behalf of
Pak Oasis Industries (Pvt.) Limited

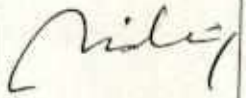
Brig. Masood Ahmed Khan
Senior Director

12/03/15
SO (Gen)

LIST OF FIRMS PARTICIPATE IN THE OPENING OF TECHNICAL PROPOSAL OF ORDER NO. DAE/STORES-961/1522/14 DATED 16.10.2014 FOR THE PROCUREMENT OF SOLAR WATER PUMPS UNDER ADP SCHEME "PROVISION OF SOLAR WATER PUMP ON 50% SUBSIDY TO FARMERS"

S. No.	NAME OF PARTICIPANTS & CONTACT #	F I R M / COMPANY WITH ADDRESS	SIGNATURE
01	HASAN ALI 0333-3908841	Mercy limited	 9/10/2014
02	Zaid Hanif	Pak oasis	
03	Ammar Haiz Zagatwan Amm 0346-1112200	QIENT PROJECT SYSTEMS	 9/12/2014
04	Ammar	Kamal Construction	
05			
06			
07			
08			
09			
10			

LIST OF FIRMS PARTICIPATE IN THE OPENING OF FINANCIAL PROPOSAL OF TENDER NO. DAE/STORES-961/1522/14 DATED 16.10.2014 FOR THE PROCUREMENT OF SOLAR WATER PUMPS UNDER ADP SCHEME "PROVISION OF SOLAR WATER PUMP ON 50% SUBSIDY TO FARMERS" IN THE COMMITTEE ROOM OF AGRICULTURE, SUPPLY & PRICES DEPARTMENT GOVERNMENT OF SINDH KARACHI ON DATED 17.03.2015

S. #.	NAME	DESIGNATION	SIGNATURES
01	Zaid Hanif	M/s Pak Oasis Industries Pvt. Ltd. Karachi	

MINUTES OF THE MEETING OF PROCUREMENT COMMITTEE HELD ON 13.02.2015 AT 03:00 P.M. UNDER THE CHAIRMANSHIP OF DIRECTOR GENERAL, AGRICULTURE ENGINEERING & WATER MANAGEMENT SINDH HYDERABAD IN THE COMMITTEE ROOM OF AGRICULTURE, SUPPLY & PRICES DEPARTMENT GOVERNMENT OF SINDH KARACHI TO EVALUATE THE TECHNICAL PROPOSALS OF TENDER NO. DAE/STORES-961/1522/14 DATED 16.10.2014 FOR THE PROCUREMENT OF SOLAR WATER PUMP ALONGWITH ALLIED PIPING ON TURNKEY BASIS (DELIVERY SIZE 5").

Meeting started with the name of Almighty Allah.

List of participants Attached.

Opening of discussion, Director Agriculture Engineering informed the participants about the progress on the decision of last meeting. The Procurement Committee observed that the offer of M/s Meeraj Limited Karachi is conditional offer & do not meet the schedule of requirement, schedule of payment & delivery schedule as they have indicated that any fluctuation in FEC and taxes would be borne by the Procuring Agency where as they intend to provide Solar Panel in 90 days, and pump controller etc in 90-120 days, after receiving the advance payment instead of 30 days as required on turn key basis. The Procurement Committee declares their offer as technically non-responsive.

The offer submitted by M/s Orient Energy System Pvt. Ltd. is also found conditional as they are asking for 15% Service charges in addition, also their offer do not confirm the delivery schedule which is 60 days instead of required 30 days, the Procurement Committee declares their bid as Technical Non-Responsive

The Procurement Committee observed that M/s Kashif Construction Karachi lacks in specific experience of Solar Water Pump installation, and also do not have sufficient technical staff, man power & Machinery & Experience, whereas they have only a single Sales / Service Centre at Karachi, the strength of staff, available Machinery & Equipment is not known. The Procurement Committee declares their bid offer as Technical Non-Responsive.

The Procurement Committee reviewed the Technical Bid offer of Pak Oasis Industries Pvt. Ltd. Karachi in detail and made a query regarding their experience of Similar nature work done and the Performance Certificate from the organization to whom the firm has supplied / installed Solar Water Pump, the relevant record was shown to the Procurement Committee, and after a detailed discussion on the Technical Offer of M/s Pak Oasis Industries Pvt. Ltd. Karachi was declared as Technical Responsive.




(2)

The Procurement Committee further made a remarks that, since the technical offer of M/s Pak Oasis Industries Pvt. Ltd. Karachi is the only offer which is qualified the relevant rule of SPPRA should be followed and advice the department to collect the market rates of the items prior to the financial opening for comparison of offered rates.

The Procurement Committee further advice to return their sealed Financial proposal of non-qualifying firms.

Meeting ended with vote of thanks.



MEMBER / SECRETARY
PROCUREMENT COMMITTEE

NO. DAE/STORES-961/ 350 /15

Dated: 16/02/2015.

C.C. to:

- The Director General Agricultural Engineering & Water Management Sindh, Hyderabad for kind information.
- The Additional Secretary (Tech) Agriculture Department Government of Sindh Karachi for kind information.
- PS to Secretary Agriculture Department Government of Sindh, Karachi for kind information.
- Member Procurement Committee _____ (All).


MEMBER / SECRETARY
PROCUREMENT COMMITTEE

LIST OF PARTICIPANTS

1	AGHA ZAFARULLAH DURRANI DIRECTOR GENERAL AGRICULTURE ENGINEERING & WATER MANAGEMENT SINDH HYDERABAD	CHAIRMAN
2	ABDUL QADIR TAREEN ADDITIONAL SECRETARY (TECH), AGRICULTURE, SUPPLY & PRICES DEPARTMENT GOVERNMENT OF SINDH KARACHI	MEMBER
3	MUSSRAT MOKHTAR DEPUTY DIRECTOR (INSPECTION) INDUSTRIES DEPARTMENT, GOVERNMENT OF SINDH KARACHI	MEMBER
4	MOBARAK HUSSAIN SECTION OFFICER FINANCE DEPARTMENT, GOVERNMENT OF SINDH KARACHI	MEMBER
5	MUHAMMAD RAMZAN BAPRANI DIRECTOR AGRICULTURE ENGINEERING SINDH HYDERABAD	MEMBER / SECRETARY

MINUTES OF THE MEETING OF PROCUREMENT COMMITTEE HELD ON 17.03.2015 AT 12:00 NOON UNDER THE CHAIRMANSHIP OF DIRECTOR GENERAL, AGRICULTURE ENGINEERING & WATER MANAGEMENT SINDH HYDERABAD IN THE COMMITTEE ROOM OF AGRICULTURE, SUPPLY & PRICES DEPARTMENT GOVERNMENT OF SINDH KARACHI TO OPEN THE FINANCIAL PROPOSALS OF TENDER NO. DAE/STORES-961/1522/14 DATED 16.10.2014 FOR THE PROCUREMENT OF SOLAR WATER PUMP ALONGWITH ALLIED PIPING ON TURNKEY BASIS (DELIVERY SIZE 5").

Meeting started with the name of Almighty Allah.


List of participants Attached.

The Procurement Committee in the presence of the Representative of M/s Pak Oasis Industries Pvt. Ltd. Karachi opened the financial proposal and publically announced the rates as under:-

i.	Solar Water Pump (150 ft.)	Rs. 6.8325 Million Per Unit
ii.	Solar Water Pump (100 ft.)	Rs. 5.2455 Million Per Unit
iii.	Solar Water Pump (50 ft.)	Rs. 4.2753 Million Per Unit

The Procurement Committee further advice the department to collect the market rates of offered Solar Water Pump Model from the Market as per requirement of SPPRA rules for Comparison of the offered rates with the market rates.

Meeting ended with vote of thanks.



MEMBER / SECRETARY
PROCUREMENT COMMITTEE

Dated: 18/03/2015.

NO. DAE/STORES-961/ 525/15

C.C. to:

- The Director General Agricultural Engineering & Water Management Sindh, Hyderabad for kind information.
- The Additional Secretary (Tech) Agriculture Department Government of Sindh Karachi for kind information.
- PS to Secretary Agriculture Department Government of Sindh, Karachi for kind information.
- Member Procurement Committee _____ (All).


MEMBER / SECRETARY
PROCUREMENT COMMITTEE

LIST OF PARTICIPANTS

1	AGHA ZAFARULLAH DURRANI DIRECTOR GENERAL AGRICULTURE ENGINEERING & WATER MANAGEMENT SINDH HYDERABAD	CHAIRMAN
2	ABDUL QADIR TAREEN ADDITIONAL SECRETARY (TECH), AGRICULTURE, SUPPLY & PRICES DEPARTMENT GOVERNMENT OF SINDH KARACHI	MEMBER
3	MUSSRAT MOKHTAR DEPUTY DIRECTOR (INSPECTION) INDUSTRIES DEPARTMENT, GOVERNMENT OF SINDH KARACHI	MEMBER
4	MOBARAK HUSSAIN SECTION OFFICER FINANCE DEPARTMENT, GOVERNMENT OF SINDH KARACHI	MEMBER
5	MUHAMMAD RAMZAN BAPRANI DIRECTOR AGRICULTURE ENGINEERING SINDH HYDERABAD	MEMBER / SECRETARY

COMPARATIVE STATEMENT OF TENDER NO. DAE/STORES-961/1522/14 DATED: 16.10.2014 WAS OPENED ON 09.12.2014
FINANCIAL PROPOSAL

FOR THE PURCHASE OF SOLAR WATER PUMP

Sr. No.	Description	Qty	MARKET PRICE			M/s Pak Oasis Industries Pvt. Ltd. Karachi MRs / Unit	PC-I Price MRs / Unit
			Continental Scientific Syndicate MRs / Unit	ABC Engineers Contractors MRs / Unit	Orient Energy System Pvt. Ltd. MRs / Unit		
1	Solar Water Pump 150 ft.	32 Nos.	7.3950	8.3090	6.9155	6.8325	6.350
2	Solar Water Pump 100 ft.	36 Nos.	6.2500	6.3385	5.3576	5.2455	4.650
3	Solar Water Pump 50 ft.	35 Nos.	4.4733	5.0903	4.3659	4.2753	3.550

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SCHEDULE OF QUALIFICATION OF BIDDERS/TENDERS

Sr. No.	Information to be supplied	Meraj Limited Karachi	Pak Oasis Industries Pvt. Ltd. Karachi	Kashif Construction Karachi	Orient Energy System Pvt. Ltd. Karachi
1.	Name of the Bidder / tender:	Meraj Limited Karachi	Pak Oasis Industries Pvt. Ltd. Karachi	Kashif Construction Karachi	Orient Energy System Pvt. Ltd. Karachi
2.	Legal status of the Bidder/Tenderer. (Company / Partnership)	Company	Private Limited	Company	Private Limited
3.	Certificate from the original Manufacturer certifying the nomination of the Bidder/Tenderer as Authorized Sole Agent with year of nomination and current year's renewal agreement.	Provided	Provided	Provided	Provided
4.	Registered with Income Tax, Sales Tax Department.	Provided	Provided	Provided	Provided
5.	Name and address of the quoted equipment Manufacturer.	Provided	Provided	Provided	Provided
6.	Names, qualification and experience of the service engineers and technicians. Location where they are posted / working provide complete address and detail of equipment and machinery. Details of service center /workshops to provide the repair and after sale services in Sindh (Location, Address, Telephone numbers to be provided)	Provided	Provided	Sufficient Nos. of Technical staff required for specific assignment is not available. Besides machinery & equipment required for the assignment is also not available, mainly Road & Construction machinery.	Provided
7.	Reference list of similar works done by the Bidder/Tenderer indicating the name of customer, description and quantity of products, year of supply.	Provided	Provided	Only two assignment of Solar Lighting, mainly experienced in electrification & Civil work.	Provided
8.	Performance certificate from the Organization in Government or private companies to whom the bidder or the company has supplied and installed the similar kind goods in Pakistan or abroad.	Provided	Provided	Performance certificate for Submersible Solar Pump provided in Balochistan, however, no details is available. Other performance reports do not related to Solar Water Project.	Provided
9.	Bank reference, name of banks and address may be given. The Banker's certificate regarding financial capability of the Bidder/Tenderer shall be furnished.	Provided	Provided	Provided	Provided

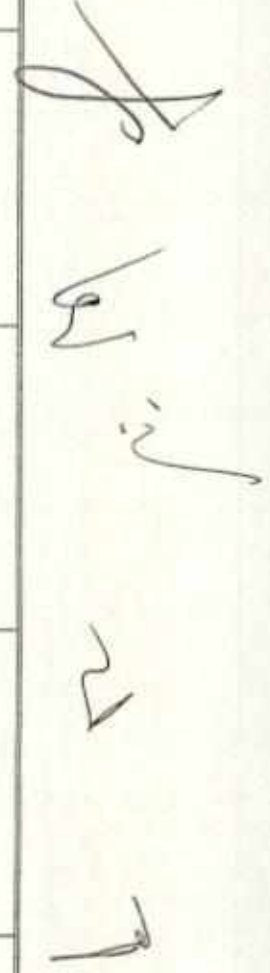


Sr. No.	Information to be supplied	Meraj Limited Karachi	Pak Oasis Pvt. Ltd. Karachi	Kashif Construction Karachi	Orient Energy System Pvt. Ltd. Karachi
10.	Details of similar nature projects under execution.	Not Provided	Provided	Two Solar Lightening Project Only.	Provided
11	Location of after sales service and maintenance facilities in Sindh.	Required facility is not available in Sindh Province.	Provided	Single Location at Karachi.	Provided
12	Item wise List of IEC / EU / USA Standards followed by the manufacturer.	Standards Certificate Attached	Provided	Provided	Standard mentioned certificate not provided /
13	Warranty periods	Firm offered 12 months Standard Warranty from date of delivery not from date of operation after installation	Provided	Provided	Provided
14	Confirmation of Schedule of Requirement	Conditional Offer Any fluctuation in FEC and taxes borne by the procuring agency do not confirmed schedule of payment.	Confirmed	Confirmed	Confirmed. 15% Service Charge additional.
15	Confirmation of Delivery Schedule (30 Days).	<ul style="list-style-type: none"> Solar Panel in 90 days after receiving the advance payment. Pumps, controller within 90-120 days after receiving the advance payment. 	Confirmed	Confirmed	Not confirmed 8 Weeks

A) EVALUATION CRITERIA (TECHNICAL)

Sr. No.	Information to be supplied	Meraj Limited Karachi	Pak Oasis Industries Pvt. Ltd. Karachi	Kashif Construction Karachi	Orient Energy System Pvt. Ltd. Karachi
1.	Name of the Bidder/Tenderer	Meraj Limited Karachi	Pak Oasis Industries Pvt. Ltd. Karachi	Kashif Construction Karachi	Orient Energy System Pvt. Ltd. Karachi
2.	Whether appointed as Local Authorized Agent by the Manufacturer.	Responsive	Manufacturer	Responsive	Responsive
3.	Whether registered with concerned Tax Authorities.	Responsive	Responsive	Responsive	Responsive
4.	Whether a Certificate from the contractor confirming to supply quoted make/Model of equipment. Prescribed Schedule of Delivery attached.	Responsive	Responsive	Responsive	Responsive
5.	Whether rated power of the quoted solar panel and equipment is within prescribed limit.	Responsive	Responsive	Responsive	Responsive
6.	Whether Bid Security in shape of Demand Draft / Pay Order is attached.	Attached with Financial Proposal	Attached with Financial Proposal	Attached with Financial Proposal	Attached with Financial Proposal
7.	Whether Financial Proposal attached with the bid.	Responsive	Responsive	Responsive	Responsive

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b) EVALUATION CRITERIA (TECHNICAL)

S. No.	Salient Features	Meraj Limited Karachi	Pak Oasis Pvt. Ltd. Karachi	Kashif Construction Karachi	Orient Energy System Pvt. Ltd. Karachi
1.	Matching with the prescribed specifications				
a)	Pump and Motor	Responsive	Responsive	Responsive	Responsive
i)	Indicate international standards followed by the equipment manufacturer	Impo Submersible Pump Model # 896/04 TS11146: 1993, TS EN 809:2000 98/37/EC, TS EN ISO 12100-1:2007, TS EN ISO 12100-2:2006 Made in Turkey	Grundfos / Europe IEC / EU Standards.	Lishiba China Imported from Denmark EN Standard	Lorentz China IEC / EN 61702:1995 IEC / EN 62253 Ed.1
b)	Solar PV Panels	DuPont Panel USA 136 Watt Single Panel Made in China	Jinko Brand China Origin	China Origin	German Origin Made in China
i)	Indicate effective life of the panels along with the brand name grade and followed international standards.	A Grade, life 10 Years Dupot (USA) IEC 61646, IEC 61730, UL 1703, UL C 1703 P.	A Grade, life 25 Years Crystalline IEC / TUV / VDE certification	A Grade IEC / TUV certificate China Origin	A Grade, life 25 years IEC 61215: 2005 IEC 61730: 2004 China
ii)	Efficiency of PV panels	8.7%	16%	16.43%	15.4%
c)	Cables, mountings, sensors, controllers and switches indicate standards.	Responsive	Responsive	Responsive	Responsive
i)	Sensors.	Responsive	Responsive	Responsive	Responsive
ii)	Controllers	Responsive	Responsive	Responsive	Responsive
iii)	Switches	Responsive	Responsive	Responsive	Responsive
iv)	Cables and mountings	Responsive	Responsive	Responsive	Responsive
2.	Conformity with the Schedule of Requirement	Responsive	Responsive	Responsive	Responsive
3.	Conformity with the Delivery Schedule (30 days)	Non-Responsive 90-120 days & Conditional.	Responsive	Responsive	Non-Responsive 60 Days.
4.	Conformity with the Payment Schedule	Non-Responsive Conditional	Responsive	Responsive	Responsive

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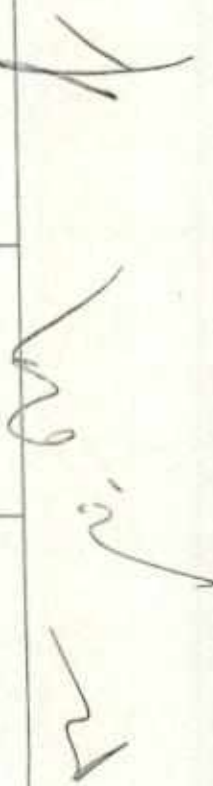
S. No.	Salient Features	Meraj Limited Karachi	Pak Oasis Pvt. Ltd. Karachi	Kashif Construction Karachi	Orient Energy System Pvt. Ltd. Karachi
5	Average annual volume of sales of the equipment by the Bidder/Tenderer (Local Authorized Sole Agent) for the last Two years-- Attach certified copies of the Financial Statements.	Responsive	Responsive	No Such proof available for Sale of Solar Powered Pumps	Responsive
6.	Provision of After Sales Services (Bidder/Tenderer to attach existing facilities available with all human and technical resources after Sales Services	Required facilities available in Peshawar, Lahore & Rawalpindi not in Sindh.	Responsive	Single Sales / Service Centre at Karachi	Required facilities available in Multan, Faisalabad, Karachi Lahore and Islamabad.
7.	End user report about performance of equipment supplied to any Government or private organization locally or abroad.	Responsive	Responsive	Certificate provided for Solar Submersible Pump installation in Balochistan, however, no details is available. Other reports pertains to Solar lighting & Building & Road Works.	Responsive

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3. SCHEDULE OF TECHNICAL DATA TECHNICAL SPECIFICATIONS FOR SOLAR WATER PUMP

Delivery Size : 5" Inch
 Depth : 150 ft.
 Range Capacity : 525,000 liter per day.
 Submersible Pump with 18 to 20 KW power Solar Panels Allied piping & civil work. tube well bore and casing.

Sr. No.	Name of Item	Technical Specification	Meraj Limited	Pak Oasis Pvt. Ltd.	Kashif Construction	Orient Energy System Pvt Ltd.
1	Submersible Pump, motor and Controller	Confirming IEC / EU / USA standards, Indicate country of origin and brand.	Impo Submersible Pump Model # 896/04 TS11146: 1993, TS EN 809:2000 98/37/EC, TS EN ISO 12100-1:2007, TS EN ISO 12100-2:2006	IEC / EU Standards, Grundfos / Europe SP77-5 / SP95	Imported from Denmark SP77-4 Controller China Lashiba	IEC / EN 61702:1995 IEC / EN 62253 Ed.1
	Pump power (Hp)	Please specify:	20 HP	20 HP	As per Spec: 16.5 HP As per Borch: 20 HP	22.2 HP
	Motor Power [kW]	Please specify:	15 KW	15 KW	15 kw	16.6 KW
	Motor voltage [VAC]	Please specify:	380 VAC	380 VAC	380 VAC	380 VAC
	Motor current [A]	Please specify:	33.4 A	34 A	34.4 A	29 A
	Frequency [Hz]	Please specify:	50 Hz	50 Hz	50 Hz	50 Hz
	Motor speed [Rpm]	Please specify:	2900 Rpm	2900 Rpm	2900 Rpm	2845 Rpm
	Flow rate [m ³ /h]	Please specify:	94 m ³ / hr	90 m ³ / hr	80 - 85 m ³ / hr	80 m ³ / hr
	Efficiency [%]	Please specify:	80.5% not confirmed with chart	80%	81%	64%
2	Solar PV Panels	Crystalline IEC / TUV / VDE Certification also indicate country of origin.	Dupot (USA) IEC 61646, IEC 61730, UL 1703, ULC 1703 P. Origin: - China Assembled	Crystalline IEC / TUV / VDE certification	IEC / TUV certificate China Origin	IEC 61215: 2005 IEC 61730: 2004 China
	Out Put (Watt)	Please specify	136 Watt 170 panels of 23.12 kw	300 - 310 Watt 60 - 67 Panels of 18 to 20 kw	230 Watt Poly Panel 96 Panel of 22 kw	250 Wp 80 Panel of 20 kw
	Efficiency (%)	Please specify	8.7%	16%	16.43 %	15.4%
	Grade	Indicate Grade of PV panel	A	A	A Poly Panel	A
3	Water Sensor	Dry run Protection, confirming IEC / EU / USA Standards (Should be matched with offered pump brand)	Comply	Comply	Comply	Comply


 [Signature]

Sr. No.	Name of Item	Technical Specification	Meraj Limited	Pak Oasis Pvt. Ltd.	Kashif Construction	Orient Energy System Pvt Ltd.
4	SS and Steel Adaptor	Matching configuration with offered pump assembly	Comply	Comply	Comply	Comply
5	PV Disconnect Switch	Matching configuration with offered pump, motor and panels	Comply	Comply	Comply	Comply
6	Senior Junction Box	Parallel power Plus and minus cables from minor junction boxes with heavy duty terminals along with fixing parts in Matching configuration with offered pump, motor and panels along with junior junction boxes.	Comply	Comply	Comply	Comply
7	Wire Set	99.99 % pure copper UV Protected, matching diameter cables for interconnection of series and parallel combination of PV Panels.	Comply	Comply	Comply	Comply
8	Cables controller to pump	99.99% pure copper submersible cable in matching diameter and cores for connection between controller and pump.	Comply	Comply	Comply	Comply
9	Cables Junction Box to controller	99.99% pure copper submersible cable in matching diameter and cores for connection between senior junction box and controller.	Comply	Comply	Comply	Comply
10	Cables controller to pump	99.99% pure copper submersible cable in matching diameter and cores for water sensor	Comply	Comply	Comply	Comply
11	Grounding Kit	Standard iron rod with copper connectors	Comply	Comply	Comply	Comply
12	Water Out let pipe and accessories	5 inch dia HDPE or MS pipes with all standard accessories.	Comply	Comply	Comply	Comply





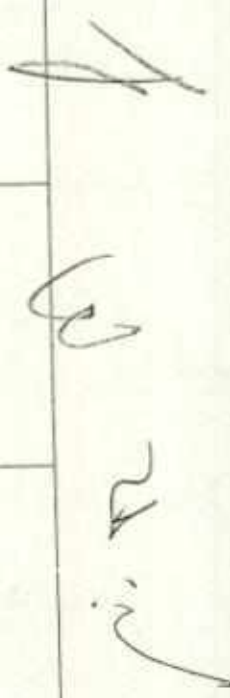
Sr. No.	Name of Item	Technical Specification	Meraj Limited	Pak Oasis Pvt. Ltd.	Kashif Construction	Orient Energy System Pvt Ltd.
13	Ground mounted mounting structures for PV panels along with cc foundation	Rust free powder coated mounting of iron and GI (attach lay out and working drawing)	Comply	Comply	Comply	Comply
14	Flexible insulation pipe for internal and external electrification	GI or PVC	Comply	Comply	Comply	Comply
15	Mounting Plate	Rust free powder coated mounting plate of iron and GI for PV disconnect switches, controller and junior Junction boxes	Comply	Comply	Comply	Comply
16	Excavation of tubewell bore, casing and excavation	For a solar pump of 150 ft depth	Comply	Comply	Comply	Comply
	Installation, testing and commissioning and after sales services for installed equipment for one year on turn-key basis along with O&M training of the end user.		Comply	Comply	Comply	Comply



SCHEDULE OF TECHNICAL DATA TECHNICAL SPECIFICATIONS FOR SOLAR WATER PUMP

Delivery Size : 5" Inch
 Depth : 100 ft.
 Range Capacity : 500000 liter per day.
 Submersible Pump with 12 to 15 Kw power Solar Panels Allied piping & civil work., tube well bore and casing.

Sr. No.	Name of Item	Technical Specification	Meraj Limited	Pak Oasis Pvt. Ltd.	Kashif Construction	Orient Energy System Pvt Ltd.
1	Submersible Pump, motor and Controller	Confirming IEC / EU / USA standards. Indicate country of origin and brand.	Impo Submersible Pump Model # 896/03 TS11146: 1993, TS EN 809:2000 98/37/EC, TS EN ISO 12100-1:2007, TS EN ISO 12100-2:2006	IEC / EU Standards. Groundfos / Europe SP77-3 / SP 95	Imported from Denmark SP77-3 Controller China Lashiba	IEC / EN 61702:1995 IEC / EN 62253 Ed.1
	Pump power (Hp)	Please specify:	15 HP	12 HP	As per Spec: 12 HP As per Borch: 15 HP	2208 KW
	Motor Power [kW]	Please specify:	11 KW	15 KW	11 kw	17 KW
	Motor voltage [VAC]	Please specify:	380 VAC	380 VAC	380 VAC	380 VAC
	Motor current [A]	Please specify:	25.2 A	21 A	25 A	30 A
	Frequency [Hz]	Please specify:	50 Hz	50 Hz	50 Hz	50 Hz
	Motor speed [Rpm]	Please specify:	2900	2900 Rpm	2900 Rpm	2840 Rpm
	Flow rate [m ³ /h]	Please specify:	98.5 m ³ / hr	85m ³ / hr	80 m ³ / hr	98 m ³ / hr
	Efficiency [%]	Please specify:	78.2% not confirm with chart	80%	83%	59%
2	Solar PV Panels	Crystalline IEC / TUV / VDE Certification also indicate country of origin. Please specify	Dupot (USA) IEC 61646, IEC 61730, UL 1703, ULC 1703 P. Origin:- China Assembled 136 Watt 125 Panels of 17 kw	Crystalline IEC / TUV / VDE certification 300 - 310 Watt 50 Panels of 15 kw	IEC / TUV certificate China Origin 230 Watt 68 Panels of 15.6 kw	IEC 61215: 2005 IEC 61730: 2004 and China 250 Wp 60 Panels of 15 kw
	Out Put (Watt)	Please specify	8.7%	16%	16.43 %	15.4%
	Efficiency (%)	Please specify	A	A	A	A
	Grade	Indicate Grade of PV panel	A	A	A	A
3	Water Sensor	Dry run Protection, confirming IEC / EU / USA Standards (Should be matched with offered pump brand)	Comply	Comply	Comply	Comply


 Meraj Limited

Sr. No.	Name of Item	Technical Specification	Meraj Limited	Pak Oasis Pvt. Ltd.	Kashif Construction	Orient Energy System Pvt Ltd.
4	SS and Steel Adaptor	Matching configuration with offered pump assembly	Comply	Comply	Comply	Comply
5	PV Disconnect Switch	Matching configuration with offered pump, motor and panels	Comply	Comply	Comply	Comply
6	Senior Junction Box	Parallel power Plus and minus cables from minor junction boxes with heavy duty terminals along with fixing parts in Matching configuration with offered pump, motor and panels along with junior junction boxes	Comply	Comply	Comply	Comply
7	Wire Set	99.99 % pure copper UV Protected, matching diameter cables for interconnection of series and parallel combination of PV Panels.	Comply	Comply	Comply	Comply
8	Cables controller to pump	99.99% pure copper submersible cable in matching diameter and cores for connection between controller and pump.	Comply	Comply	Comply	Comply
9	Cables Senior Junction Box to controller	99.99% pure copper submersible cable in matching diameter and cores for connection between senior junction box and controller.	Comply	Comply	Comply	Comply
10	Cables controller to pump	99.99% pure copper submersible cable in matching diameter and cores for water sensor	Comply	Comply	Comply	Comply
11	Grounding Kit	Standard iron rod with copper connectors	Comply	Comply	Comply	Comply







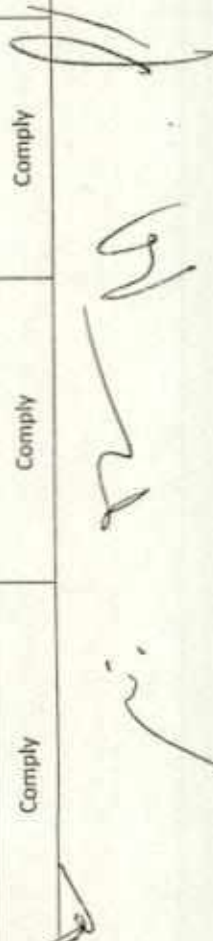
Sr. No.	Name of Item	Technical Specification	Meraj Limited	Pak Oasis Pvt. Ltd.	Kashif Construction	Orient Energy System Pvt Ltd.
12	Water Out let pipe and accessories	5 inch dia HDPE or MS pipes with all standard accessories.	Comply	Comply	Comply	Comply
13	Ground mounted mounting structures for PV panels along with cc foundation	Rust free powder coated mounting of iron and GI [attach lay out and working drawing]	Comply	Comply	Comply	Comply
14	Flexible insulation pipe for internal and external electrification	GI or PVC	Comply	Comply	Comply	Comply
15	Mounting Plate	Rust free powder coated mounting plate of iron and GI for PV disconnect switches, controller and junior Junction boxes (Comply	Comply	Comply	Comply
16	Excavation of tubewell bore, casing and excavation	For a solar pump of 100 ft depth	Comply	Comply	Comply	Comply
	Installation, testing and commissioning and after sales services for installed equipment for one year on turn key basis along with O&M training of the end user.		Comply	Comply	Comply	Comply

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SCHEDULE OF TECHNICAL DATA TECHNICAL SPECIFICATIONS FOR SOLAR WATER PUMP

Delivery Size : 5" inch
 Depth : 50 ft.
 Range Capacity : 600000 liter per day.
 Submersible Pump with 09 to 12 Kw power Solar Panels Allied piping & civil work., tube well bore and casing.

Sr. No.	Name of Item	Technical Specification	Meraj Limited	Pak Oasis Pvt. Ltd.	Kashif Construction	Orient Energy System Pvt Ltd.
1	Submersible Pump, motor and Controller	Confirming IEC / EU / USA standards. Indicate country of origin and brand.	Impo Submersible Pump Model # 896/02 TS11146: 1993, TS EN 809:2000 98/37/EC, TS EN ISO 12100-1:2007, TS EN ISO 12100-2:2006	IEC / EU Standards. Groundfos / Europe SP95-2	Imported from Denmark SP95-2 Controller China Lashiba	IEC / EN 61702:1995 IEC / EN 62253 Ed.1
	Pump power (Hp)	Please specify:	10 HP	10 HP	As per Spec: 10 HP As per Borch: 12.5 HP	17.2 HP
	Motor Power [kW]	Please specify:	7.5 KW	7.5 KW	9.2 kw	12.8 KW
	Motor voltage [VAC]	Please specify:	380 V ~ 3 phase	3x380 V ~ 400 ~415 V	380 VAC	380 V
	Motor current [A]	Please specify:	10.3 A	18 A	19 A	22 A
	Frequency [Hz]	Please specify:	50 Hz	50 Hz	50 Hz	50 Hz
	Motor speed [Rpm]	Please specify:	2900	2900 Rpm	2900 Rpm	2845 Rpm
	Flow rate [m ³ /h]	Please specify:	107 m ³ / hr not confirm with chart	100 m ³ / hr	95 m ³ / hr	108 m ³ / hr
	Efficiency [%]	Please specify:	70.6%	80%	81%	55% *
2	Solar PV Panels	Crystalline IEC / TUV / VDE Certification also indicate country of origin.	Dupot (USA) IEC 61646, IEC 61730, UL 1703, ULC 1703 P. Origin:- China Assembled	Crystalline IEC / TUV / VDE certification	IEC / TUV certificate China Origin	IEC 61215: 2005 IEC 61730: 2004 and China
	Out Put (Watt)	Please specify	136 Watt 85 Panels of 11.56 kw	300 ~ 310 Watt 30 ~ 40 Panels of 12 kw.	250 Watt 51 Panels of 12.75 kw	250 Watt 40 Panels of 10 kw
	Efficiency (%)	Please specify	8.7%	16%	16.43 %	15.4%
	Grade	Indicate Grade of PV panel	A	A	A	A
3	Water Sensor	Dry run Protection, confirming IEC / EU / USA Standards (Should be matched with offered pump brand)	Comply	Comply	Comply	Comply
4	SS and Steel Adaptor	Matching configuration with offered pump assembly	Comply	Comply	Comply	Comply




Sr. No.	Name of Item	Technical Specification	Meraj Limited	Pak Oasis Pvt. Ltd.	Kashif Construction	Orient Energy System Pvt Ltd.
5	PV Disconnect Switch	Matching configuration with offered pump, motor and panels	Comply	Comply	Comply	Comply
6	Senior Junction Box	Parallel power Plus and minus cables from minor junction boxes with heavy duty terminals along with fixing parts in Matching configuration with offered pump, motor and panels along with junior junction boxes.	Comply	Comply	Comply	Comply
7	Wire Set	99.99 % pure copper LV Protected, matching diameter cables for interconnection of series and parallel combination of PV Panels.	Comply	Comply	Comply	Comply
8	Cables controller to pump	99.99% pure copper submersible cable in matching diameter and cores for connection between controller and pump.	Comply	Comply	Comply	Comply
9	Cables Senior Junction Box to controller	99.99% pure copper submersible cable in matching diameter and cores for connection between senior junction box and controller.	Comply	Comply	Comply	Comply
10	Cables controller to pump	99.99% pure copper submersible cable in matching diameter and cores for water sensor	Comply	Comply	Comply	Comply
11	Grounding Kit	Standard iron rod with copper connectors	Comply	Comply	Comply	Comply
12	Water Out let pipe and accessories	5 inch dia HDPE or MS pipes with all standard accessories.	Comply	Comply	Comply	Comply

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Sr. No.	Name of Item	Technical Specification	Meraj Limited	Pak Oasis Pvt. Ltd.	Kashif Construction	Orient Energy System Pvt Ltd.
13	Ground mounted mounting structures for PV panels along with cc foundation	Rust free powder coated mounting of iron and GI (attach lay out and working drawing)	Comply	Comply	Comply	Comply
14	Flexible insulation pipe for internal and external electrification	GI or PVC	Comply	Comply	Comply	Comply
15	Mounting Plate	Rust free powder coated mounting plate of iron and GI for PV disconnect switches, controller and junior Junction boxes.	Comply	Comply	Comply	Comply
16	Excavation of tubewell bore, casing and excavation	For a solar pump of 50 ft depth	Comply	Comply	Comply	Comply
	Installation, testing and commissioning and after sales services for installed equipment for one year on turnkey basis along with O&M training of the end user.		Comply	Comply	Comply	Comply





022-9200059
director.dae@gmail.com

**DIRECTORATE
AGRICULTURE ENGINEERING
SINDH HYDERABAD**

No: DAE/Stores-961/
Hyderabad dated:

527 /15
19/3/2015

To,

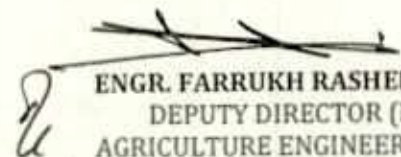
M/s ABC Bakar Constructors,
Karachi

Subject: **CURRENT MARKET PRICE OF SOLAR WATER PUMP**

As your firm M/s ABC Bakar Constructors Karachi was engaged to install Solar Water Pumps Collaboration with different Organization, looking toward your expertise this office requires a favor from your end i.e. Current Price of following Categories of Groundfos or equivalent brand.

Sr. No.	Description	Tubewell Installation	Solar System	Current Market Price
1	Grounfos Water Pump (European Made) Model # SP95-2 with Solar Panel, Installation, Tubewell bore with Piping & Installation Charges.	Depth 50 ft. 5" Delivery 600000 liters /day capacity	13.5 kw	
2	Grounfos Water Pump (European Made) Model # SP95/SP77-3 with Solar Panel, Installation, Tubewell bore with Piping & Installation Charges.	Depth 100 ft. 5" Delivery 500000 liters /day capacity	15 kw	
3	Grounfos Water Pump (European Made) Model # SP77-5 SP-95 with Solar Panel, Installation, Tubewell bore with Piping & Installation Charges.	Depth 150 ft. 5" Delivery 525000 liters /day capacity	20 to 24 kw	
Prices should be included taxes, duties, Civil work & Service Charges on Turn Key basis.				

Your cooperation in this regard will be highly appreciated and early response in requested, in case of any clarification please contact the undersigned.


ENGR. FARRUKH RASHEED ANSARI
DEPUTY DIRECTOR (MECH)
AGRICULTURE ENGINEERING SINDH
HYDERABAD



**DIRECTORATE
AGRICULTURE ENGINEERING
SINDH HYDERABAD**

022-9200059
director.dae@gmail.com

No: DAE/Stores-961/
Hyderabad dated:

528 /15
19/3/2015

To,


M/s Continental Scientific Syndicate,
Karachi

Subject: **CURRENT MARKET PRICE OF SOLAR WATER PUMP**

As your firm M/s Continental Scientific Syndicate Karachi was engaged to install Solar Water Pumps Collaboration with different Organization, looking toward your expertise this office requires a favor from your end i.e. Current Price of following Categories of Groundfos or equivalent brand.

Sr. No.	Description	Tubewell Installation	Solar System	Current Market Price
1	Grounfos Water Pump (European Made) Model # SP95-2 with Solar Panel, Installation, Tubewell bore with Piping & Installation Charges.	Depth 50 ft. 5" Delivery 600000 liters /day capacity	13.5 kw	
2	Grounfos Water Pump (European Made) Model # SP95/SP77-3 with Solar Panel, Installation, Tubewell bore with Piping & Installation Charges.	Depth 100 ft. 5" Delivery 500000 liters /day capacity	15 kw	
3	Grounfos Water Pump (European Made) Model # SP77-5 SP-95 with Solar Panel, Installation, Tubewell bore with Piping & Installation Charges.	Depth 150 ft. 5" Delivery 525000 liters /day capacity	20 to 24 kw	
Prices should be included taxes, duties, Civil work & Service Charges on Turn Key basis.				

Your cooperation in this regard will be highly appreciated and early response in requested, in case of any clarification please contact the undersigned.


ENGR. FARRUKH RASHEED ANSARI
DEPUTY DIRECTOR (MECH)
AGRICULTURE ENGINEERING SINDH
HYDERABAD



022-9200059
director.dae@gmail.com

**DIRECTORATE
AGRICULTURE ENGINEERING
SINDH HYDERABAD**

No: DAE/Stores-961/
Hyderabad dated:

529 /15
19/3/2015

To,

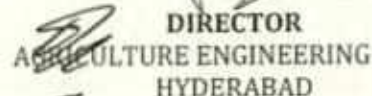
M/s Orient Energy System Pvt. Ltd.
Karachi

Subject: **CURRENT MARKET PRICE OF SOLAR WATER PUMP**

As your firm M/s Orient Energy System Pvt. Ltd. Karachi was engaged to install Solar Water Pumps Collaboration with different Organization, looking toward your expertise this office requires a favor from your end i.e. Current Price of following Categories of Groundfos or equivalent brand.

Sr. No.	Description	Tubewell Installation	Solar System	Current Market Price
1	Grounfos Water Pump (European Made) Model # SP95-2 with Solar Panel, Installation, Tubewell bore with Piping & Installation Charges.	Depth 50 ft. 5" Delivery 600000 liters /day capacity	13.5 kw	
2	Grounfos Water Pump (European Made) Model # SP95/SP77-3 with Solar Panel, Installation, Tubewell bore with Piping & Installation Charges.	Depth 100 ft. 5" Delivery 500000 liters /day capacity	15 kw	
3	Grounfos Water Pump (European Made) Model # SP77-5 SP-95 with Solar Panel, Installation, Tubewell bore with Piping & Installation Charges.	Depth 150 ft. 5" Delivery 525000 liters /day capacity	20 to 24 kw	
Prices should be included taxes, duties, Civil work & Service Charges on Turn Key basis.				

Your cooperation in this regard will be highly appreciated and early response in requested, in case of any clarification please contact the undersigned.


**DIRECTOR
AGRICULTURE ENGINEERING SINDH
HYDERABAD**

To,
Mr. Farrukh Rasheed
Agriculture Department, Hyderabad
Cell No. 0346 7788111

Ref: No. SP-103-11-02-15
Date: 24-03-2015

SUBJECT : SUPPLY, INSTALLATION AND TESTING OF SOLAR SUBMERISIBLE PUMP, INCLUDING BORING AND DRILLING AS A TURNKEY

Dear Sir,

We reference to our discussion regarding the subject matter, we are pleased to quote best prices as per following details:

PRICES:

- 1- Solar Water tube well, 5" delivery, Capacity 525,000 LPD, head 150 ft as per attached detail amounts to: **Rs 8,3090,300/-**
- 2- Solar Water tube well, 5" delivery, Capacity 500,000 LPD, head 100 ft, as per attached detail amounts to: **Rs. 6,338,500/-**
- 3- Solar Water tube well, 5" delivery, Capacity 500,000 LPD, head 50 ft as per attached details amounts to: **Rs 5,090,370/-**

TECHNICAL SPECIFICATION:

Please refer to annexure A for technical specification.

PAYMENT TERMS :

- 50% Advance, 50 % prior to deliver

Delivery time: 4 Months after receipt of payment

Looking forward for your valued order .

Thanks & best regards

Khalid Noor
DIRECTOR SALES
Khalid Noor
Cell No.0336 2313322

M
24/03
2015



Continental Scientific Syndicate

To,

Agriculture Department, Hyderabad
Cell No. 0346 7788111
Date : 23 March, 2015

QUOTATION: SOLAR SUBMERSIBLE PUMP

Dear Sir,

With reference to your inquiry, we are pleased to quote our best prices as per below mentioned details.

S.NO	DESCRIPTION	UNIT	UNIT PRICE
1	Solar Water tube well, 5" delivery, Capacity 525,000 LPD, head 150 ft. Along with submersible pump, MPPT controller, solar stands, tube well. Pump Grundfos : SP 95-4 B Controller : Grundfos Solar Panels : 18-20 Kw	01 No	7,395,000/-
2	Solar Water tube well, 5" delivery, Capacity 500,000 LPD, head 100 ft. Along with submersible pump, MPPT controller, solar stands, tubewell. Pump Grundfos : SP 77-3 Controller : 11kW Grundfos Solar Panels : 15 kW	01 No	6,250,600/-
3	Solar Water tube well, 5" delivery, Capacity 500,000 LPD, head 50 ft. Along with submersible pump, MPPT controller, solar stands, tubewell. Pump Grundfos : SP 95-2 Controller : 10.2kW Grundfos Solar Panels : 12 kW	01 No	4,473,320/-

The above prices are exclusive of sales tax
Delivery time: 3 to 4 Months

Thanks & best regards


Executing Engineer

Address: A-36(ext) Munir Fountain Block 19, Gulistan-e-Jauhar, Karachi.
Tel: 0092-21-34027612 Fax: 0092-21-34020210 e-mail: continental.ss@cyber.net.pk





Orient Energy Systems (Private) Limited

Lorentz Submersible Pump Supply/Equipment

#	Description	Country of Origin	Unit Price
	Delivery and installation of 5 inch dia, 150 ft depth, 525000 l/day submersible pump with matching power solar panels along with allied piping, civil works, tube well bore and casing etc.	China	PKR 6,915,535.00
	Delivery and installation of 5 inch dia, 100 ft depth, 500000 l/day submersible pump with matching power solar panels along with allied piping, civil works, tube well bore and casing etc.	China	PKR 5,357,625.00
	Delivery and installation of 5 inch dia, 50 ft depth, 600000 l/day submersible pump with matching solar panels along with allied piping, civil works, tube well bore and casing etc.	China	PKR 4,365,957.00



MINUTES OF THE PURCHASE COMMITTEE MEETING HELD ON 27-03-2015 UNDER THE CHAIRMANSHIP OF SECRETARY, AGRICULTURE, SUPPLY & PRICES DEPARTMENT, GOVT. OF SINDH IN RESPECT OF THE SCHEME "PROVISION OF SOLAR PUMPS ON 50% SUBSIDY TO FARMERS."

(List of participants attached)

Director General, Agriculture Engineering & Water Management stated that tender for the Procurement of Solar Water Pumps were invited and appeared in Newspapers between 23.10.2014 & 25.10.2014. Twenty (20) firms purchased Blank tender document out of them four tenders were received back from the following firm:-

- i). M/s Orient Energy System (Pvt.) Ltd. Karachi.
- ii) M/s Meeraj Limited, Karachi.
- iii) M/s Pak Oasis Industries (Pvt.) Ltd. Karachi.
- iv). M/s Kashif Construction, Karachi.

Procurement Committee, evaluated the bids and found the technical offers submitted by M/s. Orient Energy System Pvt. Ltd. Karachi, M/s. Meeraj Limited, Karachi and M/s Kashif Construction Karachi are Non-Responsive. Technical offer submitted by M/s. Pak Oasis Industries Pvt. Ltd. Karachi in the bid was declared as technically responsive.

The Purchase Committee discussed the rate of Solar Water Pump offered by the Single Technical qualified bidder M/s. Pak Oasis Industries Pvt. Ltd. Karachi. On a query, it was informed that as per SPPRA Rules 2010, Rule No-48, single offer can be considered if the rates quoted are competitive with the market rates of item. The Directorate, Agriculture Engineering obtained rates of three categories of solar water pumps from various vendors / suppliers and contractors. The rates received from the local market were found on higher side as compared to the rates offered by M/s. Pak Oasis Industries Pvt. Ltd. Karachi in the bid.

Comparison of rates is as under:

Sr. No.	Item	Rs. in million			
		Pak Oasis Industries Karachi Unit Rate	Continental Scientific Syndicate Unit Rate	ABC Engineers Contractors Unit	Orient Energy Systems Unit Rate
1	Solar Water Pump 150 ft.	Rs. 6.8325	Rs.7.3950	Rs.8.3090	Rs.6.9155
2	Solar Water Pump 100 ft.	Rs. 5.2455	Rs.6.2500	Rs.6.3385	Rs.5.3576
3	Solar Water Pump 50 ft.	Rs. 4.2750	Rs.4.4733	Rs.5.0903	Rs.4.3659

Contd...P/2.

(2)

Comparison of PC-I and rates offered by M/s. Pak Oasis Industries Pvt. Ltd. Karachi in the bid:-

Sr. No.	Item	PC-I Estimated Unit Cost	PC-I Estimated Total Cost	Rs. in Million	
				Pak Oasis Industries Karachi Unit Rate	Pak Oasis Industries Karachi Total Cost
1	Solar Water Pump 150 ft.	Rs. 6.350	Rs. 203.200	Rs. 6.8325	Rs. 218.640
2	Solar Water Pump 100 ft.	Rs. 4.650	Rs. 167.400	Rs. 5.2455	Rs. 188.830
3	Solar Water Pump 50 ft.	Rs. 3.550	Rs. 124.250	Rs. 4.2750	Rs. 149.630
		TOTAL	Rs. 494.850	-	Rs. 557.118

%age above PC-I Cost 12.58%

DECISION:

- (i) The total estimated cost of solar water pumps in the PC-I is Rs 494.85 million and the total amount of bid offered by M/s Pak Oasis Industries Karachi is Rs.557.118 Million. The offered bid is 12.58% higher than the estimated cost which is within the permissible limit of 15% of the PC-I cost. Therefore, Purchase Committee approved the rates offered by M/s Pak Oasis Industries Karachi as per recommendation of Procurement Committee.

Meeting ended with vote of thanks to and from the Chair.



LIST OF PARTICIPANTS OF PURCHASE COMMITTEE MEETING HELD ON 27-03-2015 UNDER
THE CHAIRMANSHIP OF SECRETARY, AGRICULTURE, SUPPLY & PRICES DEPARTMENT
GOVERNMENT OF SINDH IN RESPECT OF THE SCHEME "PROVISION OF SOLAR PUMPS ON
50% SUBSIDY TO FARMERS.

1. Mr. Shahid Gulzar Shaikh, In chair.
Secretary Agriculture, Supply & Prices Department,
Government of Sindh, Karachi.
2. Mr. Abdul Qadir Tareen,
Additional Secretary (Technical),
Agriculture, Supply & Prices Department, Govt. of Sindh, Karachi
3. Agha Zafarullah Khan Durrani,
Director General,
Agricultural Engineering & Water Management Sindh, Hyderabad.
4. Dr. Atta Hussain Soomro,
Director General,
Agriculture Research Sindh, Tandojam.
5. Mr. Hidayatullah Chhajro,
Director General,
Agriculture Extension Sindh, Hyderabad.
- ✓ 6. Mr. Muhammad Ramzan Baprani
Director, Agricultural Engineering Sindh

No.13(328)SO(Dev:)/P.C/ Engineering
GOVERNMENT OF SINDH
AGRICULTURE, SUPPLY &
PRICES DEPARTMENT
Karachi dated the 07-04-2015

Copy to participants (All).

M. Taufique 07-04-2015
(MUHAMMAD TAUFIQUE)
SECTION OFFICER (DEV:)

Bid Evaluation Report

Name of Procuring Agency	<u>Agriculture Department, Government of Sindh, through Directorate Agriculture Engineering, Sindh, Hyderabad</u>
Tender Reference No:	DAE/Stores-961/ 1522 /14 dated: 16.10.2014.
Tender Description/Name of work/item	Procurement of Solar Water Pump along with Allied Piping on turnkey basis (Delivery Size 5") Under the ADP Scheme No. 24 " Provision of Solar Pump on 50% Subsidy to farmer"
Method of Procurement	<u>As per Sindh Public Procurement Regulatory Authority Rules 2010.</u>
Tender Published	<u>Tender Notice was published in Newspapers:-</u> <ul style="list-style-type: none"> • Daily Sobh, dated; 23.10.2014 • Daily Awami Awaz, dated; 23.10.2014. • Daily The Express Tribune, dated; 23.10.2014. • Daily Duniya, dated; 24.10.2014. • Daily News, dated; 24.10.2014. • Daily Nawa-e-Waqat, dated; 25.10.2014
Total Bid documents Sold	<ol style="list-style-type: none"> 1. M/s Orient Energy System (Pvt) Ltd , Karachi. 2. M/s EBR Energy (Pvt) Ltd, Karachi. 3. M/s Mohammad Iqbal Sheikh, Hyderabad 4. M/s Build Skill (Pvt) Ltd, Lahore. 5. M/s Danish International Karachi. 6. M/s ABEL Construction (Pvt) Ltd, Lahore. 7. M/s ABEL,s Amir Brothers, Lahore. 8. M/s Samber Energy (Pvt) Ltd Lahore. 9. M/s Nizam Energy (Pvt) Ltd, Karachi. 10. M/s Bhitai Pipes Machinery, Sukkur. 11. M/s Meraj (Ltd) Karachi. 12. M/s KSB Pumps, (Ltd) Karachi. 13. M/s HMA Pumps, Karachi. 14. M/s Madni Engineering Construction Company, Hyderabad. 15. M/s Ever Shine Solar System , Lahore . 16. M/s Spindle & Looms (Pvt) Ltd, Lahore. 17. M/s Al Haroon Construction, Lahore. 18. M/s Kashif Contractor, Karachi. 19. Ms/ RJ Corporation, Karachi. 20. M/s Pak Oasis Industries, (Pvt) Ltd Karachi.
Total Bids Received:	<ol style="list-style-type: none"> 1. M/s Orient Energy System (Pvt) Ltd , Karachi. 2. M/s Meraj (Ltd) Karachi. 3. M/s Pak Oasis Industries, (Pvt) Ltd Karachi. 4. M/s Kashif Contractor, Karachi.
Technical Bid Opening date:	<u>09.12.2014.</u>
No. of Bid technically qualified	<ul style="list-style-type: none"> • M/s Pak Oasis industries, (Pvt) Ltd Karachi
Bid(s) Rejected	<ol style="list-style-type: none"> 1. <u>M/s Orient Energy System (Pvt) Ltd , Karachi.</u> <ul style="list-style-type: none"> - Offer is not in line with the delivery schedule - 15% Service Charges in additional to the cost of Equipment & installation is not according to the schedule of Requirement.

2. M/s Meraj (Ltd) Karachi.

- Offer was not confirm with the schedule of requirement and delivery schedule & schedule of Payment.

3. M/s Kashif Contractor, Karachi.

- Available Technical staff of firm is in sufficient to undertake specification assignment.
- List of irrelevant machinery and equipment provided by the firm not suitable for the Solar Water Pump Installation.
- Failed to provide similar nature of work and Experience.
- Failed to provide Performance Certificate.
- Failed to provide Staff/available facilities for Technical support.

Financial Bid Opening date

17.03.2015.

12. Bid Evaluation Report:

S#	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost	Reasons for acceptance/rejection	Remarks
1	SOLAR WATER PUMP 150 FT:					
i.	M/s Pak Oasis Industries, (Pvt) Ltd Karachi.	Rs. 6.8325 Million Per Unit	Single Bid	Offer is Higher then estimated cost in PC- I Rs. 6.350 Million	Single bid accepted	Within permissible Limits*.
2	SOLAR WATER PUMP 100 FT:					
i.	M/s Pak Oasis Industries, (Pvt) Ltd Karachi.	Rs. 5.2455 Million Per Unit	Single Bid	Offer is Higher then estimated cost in PC- I Rs. 4.650 Million	Single bid accepted	Within permissible Limits*.
3	SOLAR WATER PUMP 50 FT:					
i.	M/s Pak Oasis Industries, (Pvt) Ltd Karachi.	Rs. 4.2753 Million Per Unit	Single Bid	Offer is Higher then estimated cost in PC- I Rs. 3.550 Million	Single bid accepted	Within permissible Limits*.

*Total estimated value of these Solar Water Pumps in the PC-I is Rs. 494.850 Million, whereas the total offered bid value of these pumps is Rs. 557.118 Million, which is 12.58% higher then the estimated value & within the permissible limit of 15%.

SIGNATURES OF THE MEMBERS OF THE COMMITTEE.


 (Agha Zafarullah Durrani)
 Director General
 Agriculture Engineering
 & Water Management
 Sindh, Hyderabad


 (Abdul Qadir Tareen)
 Additional Secretary (Tech)
 Agriculture Department,
 Government of Sindh, Karachi


 (Shadia Jaffar)
 Deputy Secretary (B&E-1)
 Finance Department,
 Government of Sindh, Karachi


 (Musarrat Mokhtar)
 Deputy Director (Inspection)
 Industries Department,
 Government of Sindh, Karachi


 (Mohammad Ramzan Baprani)
 DIRECTOR
 Agriculture Engineering Sindh Hyderabad
 Member / Secretary