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**SWABI IRRIGATION DIVISION- I, SWABI
SINGLE STAGE SINGLE ENVELOP POST-QUALIFICATION OF FIRMS/CONTRACTORS
(BID EVALUATION REPORT TENDER DATED 26/10/2021)**

**Name of work :- ADP No. 2356/170597 "Provision of Irrigation Tube Wells and Lift Irrigation Schemes at required places in Khyber Pakhtunhwa."
Sub work :- Construction and solarization of Tube Wells at Rustam area (Jalal Abad Barroach) and at Hussai (Kamal Bagh) Rustam District Mardan (Solar system)**

E/Cost Rs. 7.01 (Million) E/Money Rs. 0.1402 (Million)

- 1- The ADP Scheme was administratively approved vide No.112/C-1/Minutes of Meeting, Dated 09/01/2020
- 2- The work was put to tender through wide publicity in the National press with publication in Daily News dated 20/07/2021. The advertisement was also displayed/uploaded on the procuring entity website www.irrigation.gkp.pk as well as KPPRA
- 3- Tender/bids have been called on single stage single envelope (post qualification method) system i.e 14-A of procurement of KPPRA Rules 2014
- 4- Bid soliciting documents together with instruction to bidders & BOQ were uploaded on the procuring entity as well as KPPRA websites to be downloaded by the intending bidders
- 5- On stipulated date and time in the office of the Executive Engineer, Swabi Irrigation Division-I Swabi 26/10/2021 05 Nos participants were received against 05 Nos appeared on E-bidding comparative statement. One M/S Mir Eengineering Pvt: Ltd: has not submitted sealed envelop, No CDR, No Technical bid.
- 6- As per scheduled in the E-bidding system, bids were opened on 26/10/2021 in the presence of the Bidders, Firms and their representatives who cared to attend.
7. Comparative statement showing rates offered by various contractor is as under

| S.No | ELIGIBILITY /EVALUATION CRITERIA | TOTAL WEIGHTAGE/NO OS | M/S Mir Hussain | M/S Muhammad Ajmal & Co | M/S Mir Engineering (Private) Ltd: | M/S TSK Engineering International | M/S MAK PUMPS (PVT) Ltd. | MANDATORY REQUIREMENTS | | | | | |
|------|--|-----------------------|-----------------|-------------------------|------------------------------------|-----------------------------------|--------------------------|------------------------|--------|--------|--------|--------|--------|
| | | | | | | | | YES/NO | PK-C-5 | PK-C-1 | PK-C-4 | PK-C-2 | PK-C-2 |
| 1 | Registration with Pakistan Engineering Council (PEC) in relevant category with field of specialization EE-11 (Specified for Solar Energy), CE-04 | | No | Yes | No | Yes | Yes | | | | | | |
| 2 | Category | | PK-C-5 | PK-C-1 | PK-C-4 | PK-C-2 | PK-C-2 | | | | | | PK-C-2 |




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| | | TOTAL WEIGHTAGE/NO | M/S Mir Hussain | M/S Muhammad Ajmal & Co | M/S Mir Engineering (Private) Ltd: | M/S TSK Engineering International | M/S MAK PUMPS (PVT) Ltd. |
|---|---|--------------------|--|---|--|---|---|
| 3 | Enlistment No. | | 138 | 96 | 585 | 50 | 155 |
| 4 | Tender cost/ estt: cost (Million) | | 7.01 (M) | 7.01 (M) | 7.01 (M) | 7.01 (M) | 7.01 (M) |
| 5 | Contractor premium (above/ below) | | -15.75 % | -15 % | -5.70% | +8.9 % | +10 % |
| 6 | CDR amount | | 140200/- | 140210/- | Not submitted | 159000/- | 160000/- |
| 7 | CDR No. and date with issuing Bank | | No. 01496502, dated 25/10/2021 BOK Zaida Branch Distt: Swabi | No. 01570566, dated 25/10/2021 BOK Todher Branch Distt: Swabi | No. 00699443, dated 25/10/2021 G.T Road Branch Peshwar | No. 00578921, dated 25/10/2021 Askari Bank Hayat Abad Branch Peshawar | No. 13963844, dated 25/10/2021 ABL Tower Hayat Abad Branch Peshawar |
| 8 | Bid Cost (M) | | 5.9062 (M) | 5.9588 (M) | 6.66107 (M) | 7.6342 (M) | 7.7113 (M) |
| 9 | Blacklisting from any Government/Semi-Government Agency/Department. | YES/NO | Not Submitted | Not Submitted | Not Submitted | No | No |

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| | TOTAL WEIGHTAGE/NOTES | M/S Mir Hussain | M/S Muhammad Ajmal & Co | M/S Mir Engineering (Private) Ltd. | M/S TSK Engineering International | M/S MAK PUMPS (PVT) Ltd. |
|-----|--|-----------------|-------------------------|------------------------------------|-----------------------------------|--------------------------|
| 10 | System Design (PKG-83) DEFFECTIVE / VALID | Not Submitted | Not Submitted | Not Submitted | Valid | Valid |
| i | Firm must have ISO 9001-2008 certificate quality management system | No | No | No | Yes | Yes |
| ii | Warranty period for solar panel etc will be 20 years and Defect liability period of Electrical / Mechanical works will be 2 years. | No | No | No | Yes | Yes |
| iii | The Firm must have an average annual turnover in the last 5 years equal to or more than the Total Bid Price. Alternately, the bidder should have successfully completed in the last five years any specific project having value equal to or higher than the total Bid Price. Documentary proof must be attached in support with the average annual turnover | No | No | No | Yes | Yes |





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|---------------------------|--|----------------------|-----------------|-------------------------|------------------------------------|-----------------------------------|--------------------------|
| iv | Goods declaration/purchase documents (bill of entry) must be provided for each product (i.e Solar Panel, Pumps, Motors, Inverter). | YES/NO | No | No | No | Yes | Yes |
| v | Performance curves at STC for both solar panel and pumping machinery should be provided for each work separately along with bidding documents | YES/NO | No | No | No | Yes | Yes |
| vi | The PV modules offered should not be more than One (01) year old with respect to the date of manufacturing. | YES/NO | No | No | No | Yes | Yes |
| vii | Brand name(s) of PV modules, the supplier intends to supply must be included in the technical proposal. | YES/NO | No | No | No | Yes | Yes |
| GENERAL EXPERIENCE | | | | | | | |
| i | | | | | | | |
| a | Copy of Valid dealer ship(pumps & solar panels) certificate from Sub-Contractor/JV Partner) No marks will be given if license is not attached and Two (02) points will be added in case of valid certificate. | 2 | 0 | 0 | 0 | 2 | 2 |

Signature: 
Date: 


Signature: 


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| | TOTAL WEIGHTAGE/N OS | M/S Mir Hussain | M/S Muhammad Ajmal & Co | M/S Mir Engineering (Private) Ltd: | M/S TSK Engineering International | M/S MAK PUMPS (PVT) Ltd. |
|--|----------------------|-----------------|-------------------------|------------------------------------|-----------------------------------|--------------------------|
| b Litigation History in which Decision has been given against the firm(s) In case the firm is involved in any litigation, -5 will be given and 6 points will be added in case original affidavit of no litigation is attached. | 6 | 0 | 0 | 0 | 6 | 6 |
| c Description of Internal Quality Control assurance program for Construction/Erection/Maintenance 2 Marks will be given if Description is provided. | 2 | 0 | 0 | 0 | 2 | 2 |
| Total: | 10 | 0 | 0 | 0 | 10 | 10 |
| FINANACIAL CAPABILITIES | | | | | | |
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| | | | | | | | | |
|--|--|--|--|--|--|--|--|--|
| <p>Bank Certificate including Bank Credit Line (Evidence in Original from Guarantor Bank) Bank Certificate (2-Marks)</p> <ul style="list-style-type: none"> • 2 Marks are given if Original Bank Certificate is provided. <p>Bank Credit Line (3-Marks)</p> <ul style="list-style-type: none"> • 2 Marks are given if the available bank credit line limit is equal to 15 Million. • For limit less than 15 Million, use following weight-age: 2 x (A/15) • For the limit more than 15 million but less than 30 million use following weight-age: 2 + (A/30) <p>A = Available Bank Credit Line Limit</p> <ul style="list-style-type: none"> • Full Marks are given in case of limit is 30 million or more. | | | | | | | | |
| <p>Audited Balance Sheets for at least last three years</p> <ul style="list-style-type: none"> • No marks will be given if Audited Balance Sheets are not attached. Two (2) points will be given for one year audited balance sheets, four (4) points for two years and full points for three years. | | | | | | | | |

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| | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|---|---|---|------------|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |
| | <p>Working Capital in last 3 years</p> <ul style="list-style-type: none"> • 3 Marks are given if the available average working capital for last three years is equal to 15 Million. • For the capital less than 15 million use following weight-age: | 5 | 0 | 0 | 0 | 0 | 3 x (A/15) | 5 | 0 | 0 | 0 | 5 | 5 | • For the capital more than 15 million but less than 30 million use following weight-age. | 5 | 0 | 0 | 0 | 5 | 5 |
| c | 3+ (A/30) | A = Average working capital in last three years. | • Full Marks are given if the available average working capital for last 03 years is 30 million or more. | | | | | | | | | | | | | | | | | |





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| | | | | | | | | | | |
|---------------|---|----|---|---|---|---|---|---|----|----|
| d | Registration with income tax department No marks will be given if NTN & GST Registration certificate is not attached and 5 points will be added in case of valid certificates. | 5 | 0 | 0 | 0 | 0 | 5 | 5 | 20 | 20 |
| Total: | | 20 | 0 | 0 | 0 | 0 | 5 | 5 | 20 | 20 |

EXPERIENCE RECORD

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| | | | | | | |
|---|----|---|---|---|----|----|
| <p>Projects of similar nature and complexity (Supply & Installation of Solar Based Pumping Machinery) completed in last five years in any Public Works Department/NGOs.</p> <ul style="list-style-type: none"> • 8 Marks are given if the applicant has completed at least 5 projects of similar nature in last five years. • For less than 5 projects completed use the following weight age. 8 x (A/5) • For more than 5 projects but less than 10 projects completed use the following weight age. 8 + (A/5) x 4 A = No of projects of similar nature completed in last five years • Full Marks are given in case of 10 projects or more. | 16 | 0 | 0 | 0 | 16 | 16 |
|---|----|---|---|---|----|----|

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| | | | | | | | |
|---|----|---|---|---|---|----|----|
| <p>Projects of similar nature and complexity (Supply & Installation of Solar Based Pumping Machinery) in-hand in any Public Works Department/NGOs.</p> <ul style="list-style-type: none"> 4 Marks are given if the applicant has completed at least 5 projects of similar nature in last five years. | 9 | 0 | 0 | 0 | 0 | 9 | 9 |
| <p>b</p> <ul style="list-style-type: none"> For less than 5 projects completed use the following weight age. 4 x (A/5) For more than 5 projects but less than 10 projects completed use the following weight age. 4 + (A/10) x 4 A = No of projects of similar nature completed in last five years <p>Full Marks are given in case of 10 projects or more.</p> | 5 | 0 | 0 | 0 | 0 | 5 | 5 |
| <p>c</p> <p>Enlistment record with Government Organizations & other agencies</p> <p>1 Mark for each enlistment up to maximum of Three enlistments.</p> | 30 | 0 | 0 | 0 | 0 | 30 | 30 |
| <p align="right">Total:</p> | 30 | 0 | 0 | 0 | 0 | 30 | 30 |




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| | | PERSONNEL CAPABILITIES | | | | |
|----|--|------------------------|---|---|---|----|
| IV | | | | | | |
| | <p>B.Sc. Engineers registered with Pakistan Engineering Council (PEC)</p> <p>Experience (6-Marks)</p> <ul style="list-style-type: none"> 6 Marks will be given if the individual relevant experience of at least 1 numbers of B.Sc. Engineer Electrical/Electronics/Mechanical (professional) is equal to 15 years or above. | 14 | 0 | 0 | 0 | 14 |
| a | <p>Strength of Engineers (8 Marks)</p> <ul style="list-style-type: none"> 4 Marks will be given if the total no. of Engineers registered with PEC is 3. 8 Marks will be given if the total no. of engineers registered with PEC is 5 or above. | | | | | |





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Associate Engineers (DAE)

- Experience (4-Marks)
- 4 Marks will be given if the individual relevant experience of at least 1 number of Associates Engineers Electrical/Mechanical (DAE) is equal to 3 years or above.
- Strength of Associate Engineers (2 Marks)
- 2 Marks will be given if the total no. of Associate Engineers (DAE) are 3 or above.

| | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|----|---|---|---|----|---|---|---|----|
| b | 6 | 0 | 0 | 0 | 6 | 6 | 20 | 0 | 0 | 0 | 20 | | | | |
| Total: | | | | | | | | | | | 20 | 0 | 0 | 0 | 20 |

EQUIPMENT CAPABILITIES

| | | | | | | | | | | | |
|---|---|----|---|---|---|---|----|---|---|---|----|
| V | | | | | | | | | | | |
| a | Test Bed for verification / testing of Solar pumps along with all accessories as per ISO-9906 in company premises. (Firm must have Third Party Certification regarding Test Bed arrangements). 13 Marks for complete setup are given. (Attached Third Party Certificate) | 13 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 13 |
| b | Workshop facilities. Attach layout sketch of workshop. No marks will be given if Contractor has no workshop facilities. | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 |





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| Contractor | Equipment sole agencies represented by the Contractor | 2 | 0 | 0 | 0 | 0 | 20 |
|--|---|------------|----------|----------|----------|----------|------------|
| 1 mark for each agency Upto maximum 2 points | | | | | | | |
| Total | | 20 | 0 | 0 | 0 | 0 | 20 |
| GRAND TOTAL | | 100 | 0 | 0 | 0 | 0 | 100 |

- 1- Call Deposit of the lowest responsive bidder M/S TSK Engineering international (Pvt:) Ltd: comes to Rs. 7.6342 (M) is in order and according to the requirements of the employer.
- 2- Hence the bid cost of Rs. 7.6342 (M) offered by M/S TSK Engineering international (Pvt:) Ltd: is lowest and responsive.
- 3- In the forgoing the bid cost of Rs. 7.6342 (M) @ +8.9 % above offered by M/S TSK Engineering international (Pvt:) Ltd: being the lowest is recommended for approval please.

Procurement Committee

Sub Divisional Engineer,
Shahbaz Garhi Irrigation Sub Division
Shahbaz Garhi

Accounts Officer,
Swabi Irrigation Division-I
Swabi (Member)

Supervisor
Swabi Irrigation Circle Swabi

Head Clerk (Secretary)
Swabi Irrigation Division-I Swabi

Divisional Head Draftsman
Swabi Irrigation Division-I Swabi
(Member)

Sub Divisional Officer,
Gohati Irrigation Sub Division
Gohati

Executive Engineer
Swabi Irrigation Division-I
Swabi (Chairman)

Circle Head Draftsman
Swabi Irrigation Circle Swabi

*As recommended by
XEN-I Swabi, is
hereby approved.*

mm
Supervisor
Swabi Irrigation Circle

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SYSTEM DESIGN EVALUATION REPORT

Construction and solarization of Tube Wells at Rustam area (Jalal Abad Barroach) and at Hussai (Kamal Bagh) Rustam District Mardan (Solar system)

| Sr. No. | Item Description | M/S Mir Hussain | M/S Muhammad Ajmal & Co | M/S Mir Engineering (Private) Ltd: | M/S TSK Engineering International | M/S MAK PUMPS (PVT) Ltd. |
|----------------------------------|---------------------------------|----------------------------|----------------------------|------------------------------------|-----------------------------------|--------------------------|
| 1 | Required Watt (19000) | System Design Not Provided | System Design Not Provided | System Design Not Provided | 19110 | 19110 |
| 2 | Required Inverter Watt (26 K.W) | System Design Not Provided | System Design Not Provided | System Design Not Provided | 26 KW | 30 KW |
| 3 | Motor HP (25 HP) | System Design Not Provided | System Design Not Provided | System Design Not Provided | 25 HP | 25 HP |
| 4 | Pipe Size 4" | System Design Not Provided | System Design Not Provided | System Design Not Provided | 4" | 4" |
| 5 | Cable Size 10mm | System Design Not Provided | System Design Not Provided | System Design Not Provided | 10mm | 10 mm |
| 6 | Du/Dt Filter | System Design Not Provided | System Design Not Provided | System Design Not Provided | LTOCL 38025-3 | N/A |
| Remarks Defective / Valid | | Not Submitted | Not Submitted | Not Submitted | Valid | Valid |