



TECHNICAL BID EVALUATION REPORT

Title / Name of Work: Detailed Survey and Feasibility Study for Sindh Domestic Biogas Programme
Bid Inviting Reference No: DAE/W2E/43/2021 dated 28th October, 2022
Published in: Daily Dawn, Jang and Kawish dated 1-11-2022 vide No. INF-KRY.No.4175/2022
Method of Procurement: Single Stage Two Envelope Procedure
Last Date & Time for Submission of Tenders: 21st November, 2022 at 03.30 PM.
Date of opening of Bid: 21st November, 2022 at 04.00 PM

Initial Eligibility Checklist:

S/No.	Item	Name of Consultant Firms			
		(1) Management & Development Center (MDC)	(2) National Engineering Services Pvt. Pakistan	(3) Micon Engineering Consultants	(4) Barkeley Associates (Pvt.) Ltd. JV PV Lab Pakistan Pvt. Ltd.
1.	Well reputed Consulting firm/Organization/Consortium (in the form of a joint venture and/or a sub-consultancy. In case of joint venture, all the partners in the joint venture shall be jointly and severally liable for the entire contract, if selected)	Yes	Yes	Yes	Yes
2.	Possessing proven public / private sector experience in conducting large scale surveys in Pakistan preferably in livestock sector.	Yes	No	Yes	Yes
3.	Possessing proven public / private sector experience in preparation of feasibility studies for survey.	Yes	Yes	Yes	Yes
4.	Registration with FBR (Active)	Yes	Yes	Yes	Yes
5.	Registration with Sindh Revenue Board (if applicable)	Yes	Yes	Yes	No

	(Active)				
6.	Non-blacklisted firm (Affidavit be submitted)	Yes	Yes	Yes	Yes
7.	Audited financial statements of last three (3) years or any other document which shows financial strength of the firm	Yes	No	Yes	No
8.	In case of consortium lead consultant must be a consulting firm / organization having at least 10 years general experience (including use of the latest data collection technologies).	Yes	Yes	Yes	Yes
In order to qualify for next step of evaluation firm must fulfill all above said requirement. (all yes)		Qualified for next step	Not qualified for next step	Qualified for next step	Not qualified for next step

Category & Evaluation:

S/No.	Category & Evaluation Criteria	Marks	Management & Development Center (MDC)	Micon Engineering Consultants
A	Technical	<u>100</u>		
A1	Experience	50	50	50
A1.1	Survey or relevant Projects Above 10 projects = 100% marks 7 to 10 projects = 75% marks 5 to 7 projects = 50% marks 3 to 4 projects = 25% marks			
A1.2	Experience in Public / Private sector/ NGO Domestic / international level for conduct of feasibility study for large scale projects / programmes: Above Rs. 1Billion 100% marks Above Rs. 500million to Rs. 1 Billion = 75% marks Above Rs. 250 million to 500 million = 50% marks Above Rs.50 to Rs.250 million = 25% marks	40	40	40
A1.3	Experience specific for survey of livestock / human settlements / biogas installation / requirements or proposing different design models of Biogas plants: Above 5 studies / surveys specific with requirements of biogas: 100% marks 4 to 5 surveys = 100% marks 2 to 3 reports = 50% marks	10	10	5
	Experience	<u>100</u>	<u>100</u>	<u>95</u>
A2	Adequacy of the proposed methodology and work plan in responding to the Terms of Reference:	<u>100</u>		

A2.1	Understanding of ToRs	25	20	20
A2.2	Approach and methodology on scope	25	20	20
A2.3	Work plan to complete feasibility study in time	25	20	18
A2.4	Biogas plant design approach i.e. what which type of Biogas plants can be feasible in large scale projects	25	10	20
A3	Organization structure & Financial Strength	<u>100</u>	<u>70</u>	<u>78</u>
A3.1	Professional Strength: Over 25 professionals = 60 marks 15 to 25 professionals = 45 marks 10 to 15 professionals = 30 marks 5 to 10 professionals = 15 marks Less than 5 = 0 marks	60	45	45
	<u>Financial Worth:</u> Minimum turnover of Rs.10 million/year for last three years: 20 marks. Turnover above Rs.20 million/year for last three years: 40 marks (Attach relevant documents)	40	40	40
A4	Key Experts	<u>100</u>	<u>85</u>	<u>85</u>
A4.1	Project Manager/Team Leader Minimum education: At least MSc or equivalent 8-10 years of Experience in organizing and management could of leading survey projects, Relevant experience projects of would be highly appreciated. Managing the team, preparing and submission of the final survey template design reports.	25	22.5	24.375
A4.2	Technical Expert (Biogas projects) At least BS or equivalent At least 5 years of experience in developing biogas plants for public and private sector projects. An expert must aware about the latest biogas technologies, its equipment and its sustainability. To prepare, design and recommend the most suitable type of biogas plants as per the geographical conditions of the Sindh.	15	14	9.75
A4.3	Economist & Financial Expert At least BBA/MBA At least 5 years of experience in bringing biogas or related projects to financial close. Must prepare, design and recommend the best Economic and financial model for	15	12	15

	execution of the Sindh Domestic Biogas Programme (SDBP).			
A4.4	IT Expert At least BS or equivalent in computer/IT At least 5 years of experience in developing the survey verification and monitoring software application (compatible with mobile phones). Moreover, an IT Expert shall also prepare the software which can compile the survey data in presentable and format	15	6	4.5
A4.5	Technical Expert At least BS or equivalent in Statistics At least 5 years experience in survey, questionnaire design and data completion.	15	10.5	15
A4.6	Environmental Expert At least BS or equivalent At least 5 years of experience in Environmental specialist/expert in public or private sector. An expert must monitor the impact of a biogas plants on the environment, identifying environmental issues, and recommend the solutions. Their chief goal is to improve the living conditions of the environment.	15	14.25	14.25
	Calculation of points for each Expert in the Project Team		<u>79.25</u>	<u>67.875</u>
	(a) Education and qualifications Professional having qualification less than as specified above shall not be considered for evaluation. Equivalent qualification shall only be considered if it is nationally / internationally recognized as equivalent.			
	(b) Relevant experience 10 years or more = 100% 7 to less than 10 years = 80% 5 to less than 7 years = 50% Less than 5 years = 0%	60%		
	(c) Participation in Biogas Schemes / projects 5 or more = 100% 2 to 4 = 75% 1 to 2 = 50%	10%		
A	Total Technical Score = (A1+A2+A3+A4) /4		<u>83.25%</u>	<u>81.468%</u>

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<ul style="list-style-type: none"> Firm must achieve at least 50% marks in category A1.1 of AI for qualification Cumulative marks of 70% for financial opening. 				
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M/s. Management & Development Center (MDC) and M/s Micon Engineering Consultants have qualified for financial opening as both the firms have achieved more than 50% marks in category A1.1 for qualification and cumulative marks more than 70%.

<p></p> <p>MIR FTEKHAR AHMED Deputy Director (Off-Grid Solar & Biomass) Directorate of Alternative Energy Energy Department, Govt. of Sindh Member/Secretary</p>	<p></p> <p>MIR. HUSSAIN AHMED BURIRO Assistant Chief (Energy) Planning & Development Department Govt. of Sindh Member</p>	<p></p> <p>MIR. ALYAHMED Deputy Secretary (Dev-II) Finance Department, Govt. of Sindh Member</p>
<p></p> <p>MIR. RAFIQUE AHMED MEMON Additional Director Animal Husbandry and Veterinary Science Livestock & Fisheries Department, Govt. of Sindh Member</p>	<p></p> <p>MIR. SHAHNAWAZ FARHAN KHAHIRO Director, Alternative Energy/ Energy Department, Govt. of Sindh Chairman</p>	




DAE/W2E/43/2021
GOVERNMENT OF SINDH
DIRECTORATE OF ALTERNATIVE ENERGY
ENERGY DEPARTMENT
Dated: 31-1-2023

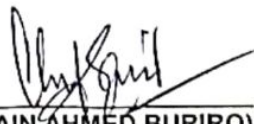
BID EVALUATION REPORT

1.	Name of Procuring Agency:	Directorate of Alternative Energy, Energy Department, Government of Sindh
2.	Tender Reference No.:	DAE/W2E/43/2021 dated 28 th October, 2022
3.	Tender Description/Name of Work/Item:	Detailed Survey and Feasibility Study for Sindh Domestic Biogas Programme.
4.	Method of Procurement:	Single Stage Two Envelope Procedure
5.	Tender Published:	Daily Dawn, Jang and Kawish dated 1-11-2022 vide No. INF-KRY.No.4175/2022
6.	Total Bid Document Sold:	Four (4 Nos.)
7.	Total Bids Received:	Four (4 Nos.)
8.	Bids Opening Date:	21 st November, 2022 at 04:00 PM
9.	No. of Bids Technically Qualified:	Two (2 Nos.)
10.	Bid(s) Rejected:	Two (2 Nos.)
11.	Financial Bid Opening Date:	31 st January, 2023 at 2:30 PM

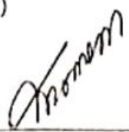
Item Wise Bid Evaluation Report:


S/No	Name of Firm or Bidder	Estimated Cost	Cost offered by the Bidder	Ranking in terms of cost	Comparison in terms of estimated cost	Reasons of acceptance/rejection	Remarks
0	1		2	3	4	5	6
A	Detailed Survey and Feasibility Study for Sindh Domestic Biogas Programme						
1.	M/s Management & Development Center (MDC)	Rs. 15,000,000/-	Rs. 14,896,293/-	1 st	0.6913% Lower than PC-I cost estimates	Least Cost Basis	Accepted
2.	M/s Micon Engineering Consultants		Rs. 15,000,000/-	2 nd	0.00% Same as PC-I cost estimates	Least Cost Basis	Rejected


(IFTEKHAR AHMED)
Deputy Director (Off-Grid Solar & Biomass)
Directorate of Alternative Energy
Energy Department
Govt. of Sindh
(Member/Secretary)


(HUSSAIN AHMED BURIRO)
Assistant Chief (Energy)
Planning & Development Department
Govt. of Sindh
(Member)


(AHMED ALI)
Deputy Secretary (Dev-I)
Finance Department
Govt. of Sindh
Member


(RAFIQUE AHMED MEMON)
Additional Director/Member
Animal Husbandry and Veterinary Science
Livestock & Fisheries Department
Govt. of Sindh
(Member)


(SHAHNAWAZ FARHAN KHAHRO)
Director, Alternative Energy
Energy Department
Govt. of Sindh
(Chairman)