

Conch/IA/232/2011-12

To  
The Superintending Engineer,  
Electricity Department, Andaman & Nicobar Administration,  
Office of the Superintending Engineer,  
Vidyut Bhavan, Port Blair,  
Andaman & Nicobar Islands – 744101

Dear Sir,

**Sub:** Evaluation report on the Request for Proposal (RFP) for the proposed Establishment, Operation and Maintenance of 2 MW biomass based power generation system at South Andaman Island on DBFOT pattern Project

Based on the Request for Qualification (RFQ) documents submitted by the 3 bidders for the proposed Establishment, Operation and Maintenance of 2 MW biomass based power generation system at South Andaman Island on DBFOT pattern Project. As per the documents submitted all the 3 bidders were qualified by the Technical & Financial Criteria and were shortlisted for the issue of the Request for Proposal documents. The Evaluation report on the Request for Qualification (RFQ) was submitted by us vide No. ConCh/IA/007/2011-12 dated 6<sup>th</sup> May 2011

The Request for Proposal (RFP) documents were issued to the shortlisted bidders. The RFP was issued to the applicants in July 2011 and the pre-bid meeting was held at the office of the Superintending Engineer, Electricity Department, Port Blair on 19/08/2011 at 3 PM. With request of the bidders the Application due date for the RFP stage was extended from 7<sup>th</sup> September 2011 to 20<sup>th</sup> September 2011

The RFP Bids were opened on 20<sup>th</sup> September 2011 at 3.30 PM. Out of the total three shortlisted bidders only two of them had submitted their bids for the RFP stage. The following bidders had submitted their bids for the RFP Stage:

- A) Fairmacs Shipping and Transport Services Pvt. Limited & M/s.Riflex Industries Pvt.Ltd  
(Consortium)
- B) Suryachakra Green Fuels Private Limited & Suryachakra Global Enviro Power Limited  
(Consortium)

The RFP document had asked the bidders to submit the following documents to satisfy the test of responsiveness criteria

1. APPENDIX-I- Letter comprising the Bid (Clauses 2.1.5 and 2.14)- Separate Cover

Head Office: Regent Chambers 12<sup>th</sup> floor, 208 Nariman Point, Mumbai 400 021.

Regional Office: "Unique Sterling Apartment" 8/2, 3<sup>rd</sup> Cross Street, Sterling Road, Nungambakkam, Chennai – 600 006

☎ (044)28267910, 28235951 – 53; Fax (044) 28226635 Email: [t-anandmohan@darashaw.com](mailto:t-anandmohan@darashaw.com)



2. APPENDIX-II- The Bidder shall deposit a Bid Security of Rs. 1000000/- (Rupees Ten Lakhs only) in accordance with the provisions of this RFP. The Bidder has the option to provide the Bid Security either as a Demand Draft or in the form of a Bank Guarantee acceptable to the Authority, as per format at Appendix-II
3. APPENDIX-III- Power of Attorney for signing of Bid (Clause 2.1.9)
4. APPENDIX-IV- Power of Attorney for Lead Member of Consortium (Clause 2.10)
5. A copy of the Power Purchase Agreement and Lease Deed with each page initialed by the person signing the Bid in pursuance of the Power of Attorney

The test of responsiveness of the bidders is attached in Annexure 1 of this Evaluation report.

**The details of evaluation of the bidders are as follows:**

**A) Fairmacs Shipping and Transport Services Pvt. Limited & M/s. Reflex Industries Pvt. Ltd (Consortium)**

As per the details submitted by the applicant, the applicants had submitted all the required documents as per the test of responsiveness criteria in RFP. The financial bid quoted by this applicant is Rs. 10.78 rate per unit of power for the First year

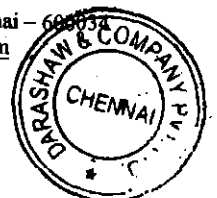
**B) Suryachakra Green Fuels Private Limited & Suryachakra Global Enviro Power Limited (Consortium)**

As per the details submitted by the applicant, the applicants had submitted all the required documents as per the test of responsiveness criteria in RFP. The financial bid quoted by this applicant is Rs. 9.81 rate per unit of power for the First year

The financial bid quoted by both the bidders Vis a Vis the unit price suggested by the consultants are represented in table below

TABLE - 1

Particulars	Unit Price suggested by the Consultant	Fairmacs Shipping and Transport Services Pvt. Limited & M/s. Reflex Industries Pvt. Ltd (Consortium)	Suryachakra Green Fuels Private Limited & Suryachakra Global Enviro Power Limited (Consortium)
Rate per unit of power for the First year (Rs.)	9.01	10.78	9.81
Cost of Power to A&N Electricity Department for 20 years (Rs. Lakhs)	27177	32516	29591



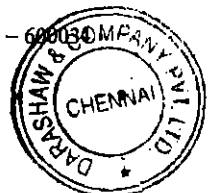
For the financial evaluation purpose the rate quoted in Table 1 is considered as per the RFP document. From the above, M/s. Suryachakra Green Fuels Private Limited & Suryachakra Global Enviro Power Limited (Consortium) are the lowest quoted bidder.

TABLE - 2

Year	Cost of Power per annum at Rs.9.01 per unit in Rs. Lakhs- Suggested unit price by the consultant	Cost of Power per annum at Rs.10.78 per unit in Rs. Lakhs- Fairmacs quote	Cost of Power per annum at Rs. 9.81 per unit in Rs. Lakhs- Suryachakra quote
1	889.1	1063.8	968.1
2	1046.6	1252.3	1139.6
3	1078.0	1289.8	1173.8
4	1110.4	1328.5	1209.0
5	1143.7	1368.4	1245.2
6	1178.0	1409.4	1282.6
7	1213.3	1451.7	1321.1
8	1249.7	1495.3	1360.7
9	1287.2	1540.1	1401.5
10	1325.9	1586.3	1443.6
11	1365.6	1633.9	1486.9
12	1406.6	1682.9	1531.5
13	1448.8	1733.4	1577.4
14	1492.3	1785.4	1624.8
15	1537.0	1839.0	1673.5
16	1583.1	1894.1	1723.7
17	1630.6	1951.0	1775.4
18	1679.5	2009.5	1828.7
19	1729.9	2069.8	1883.5
20	1781.8	2131.9	1940.0
<b>TOTAL</b>	<b>27177.45</b>	<b>32516.41</b>	<b>29590.54</b>

The following assumptions were made for the calculation of cost of power year on year

Capacity	2	MW
Particulars	Year 1	From Year 2
PLF	70%	80%
Auxillary Consumption	11%	11%
No. of units in KWH	9868320	11278080
Operational days	330	



The Table 2 represented above shows the year on year payment to be made by the A&N Electricity Department to the successful bidder after considering the 3% escalation YOY from the unit price. The payment to made to the successful bidder {M/s. Suryachakra Green Fuels Private Limited & Suryachakra Global Enviro Power Limited (Consortium)} is highlighted in colour green.

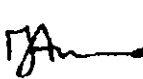
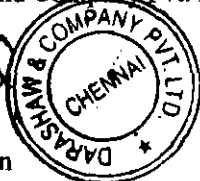
The recommended rate per unit of power for a Rankine Cycle based power system as per the feasibility report submitted by us is **Rs.9.01** per unit considering the constraints in the procurement of biomass. The quoted price of the bidder is **Rs.9.81** for the First year with 3% escalation YoY which is slightly higher than the suggested price. Hence A&N Electricity Department pays an additional amount of Rs.2413.09 Lakhs (29590.54-27177.45) for a period of 20 years. However considering the constraints in procurement of biomass and seasonal weather factors in the Island the unit price quoted by the bidder may be accepted.

Hence A&N Electricity department may issue the Letter of Award to M/s. Suryachakra Green Fuels Private Limited & Suryachakra Global Enviro Power Limited (Consortium) and the Power Purchase Power Agreement may be signed with them subject to the Bidder fulfilling all the Terms and Conditions we stated in the Contract.

Thanking you

Yours truly,

For Darashaw and Company Pvt. Ltd.

T. Anand Mohan

Vice President

In charge – Southern Operations

Consultancy Division

CC:

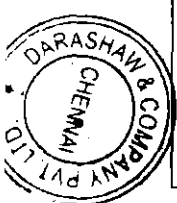
To

The Executive Engineer, NRSE,

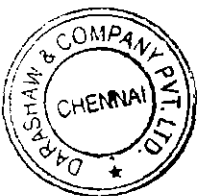
Electricity Department, Andaman & Nicobar Administration

Establishment, Operation and Maintenance of 2 MW biomass based power generation system at South Andaman island on DBFOF pattern Project- RFP EVALUATION date 20.09.2011-  
ANNEXURE 1

1	APPENDIX-I	Letter comprising the Bid (refer Clauses 2.1.5 and 2.14)- Separate Cover	As per the format provided in the RFP.	As per the format provided in the RFP.
2a	APPENDIX-II	The Bidder shall deposit a Bid Security of Rs. 1000000/- (Rupees Ten Lakhs only) in accordance with the provisions of this RFP. The Bidder has the option to provide the Bid Security either as a Demand Draft or in the form of a Bank Guarantee acceptable to the Authority, as per format at Appendix-II	As per the format provided in the RFP.	As per the format provided in the RFP.
2b		Details of Bid Security	Bid Security in the form of Bank guarantee from Canara Bank, Portblair in favour of M/s Fairmacs Shipping & Transport Service Pvt.Ltd for Rs.10 Lakhs vide No. 5612011 dated 5th Sep 2011 with validity till 4th Sep 2012	Bid Security in the form of Bank Guarantee from Indian Bank, Koti Branch, Hyderabad in favour of M/s Suryachakra Green Fuels Pvt.Ltd for Rs.10 Lakhs vide No. 000241G110000027 dated 16th Sep 2011 with validity till 15th Aug 2012
3	APPENDIX-III	Power of Attorney for signing of Bid(Refer Clause 2.1.9)	As per the format provided in the RFP.	As per the format provided in the RFP.
4	APPENDIX-IV	Consortium(Refer Clause 2.10)	As per the format provided in the RFP.	As per the format provided in the RFP (Notorisation not asked in the format)
5	Copy of PPA & Draft Lease deed	A copy of the Power Purchase Agreement and Lease Deed with each page initialled by the person signing the Bid in pursuance of the Power of Attorney referred to in sub-clause (ii) hereinabove	Submitted Signed copy of both the PPA & Lease deed	Submitted Signed copy of both the PPA & Lease deed



6	Number of Copies	One Original & One Copy	Submitted as per the requirement of the RFP	Submitted as per the requirement of the RFP
	<b>Test of Responsiveness</b>			
	a. Appendix-1 as per the Format		Yes	Yes
	b. Application received by the Bid Due Date		Yes	Yes
	c. Application is signed, sealed, bound together in hard cover and marked as stipulated in Clauses 2.10 and 2.11;		Signed and sealed but not bound	Signed and sealed but not bound
	d. Accompanied by the Bid Security as specified in Clause 2.1.7;		Yes Bid Security in the form of Bank Gaurantee	Yes Bid Security in the form of Bank Gaurantee
	e. Enclosed Power(s) of Attorney as specified in Clauses 2.1.9 and 2.1.10		Yes	Yes
	f. Contains all the information (complete in all respects) as requested in the RFP		Yes	Yes. The Firm has provided additional information regarding the Fuel Linkage. The same needs to verified. This will not be considered as it is not part of the RFP requirement.
	g. Application does not contain any condition or qualification;		Yes	Yes



**Establishment, Operation and Maintenance of 2 MW biomass based power generation system at South Andaman island on DBFOT pattern Project- RFP EVALUATION date 20.09.2011**

S.No	Appendix	Quote of establishment and transportation, pre-bid and mobilization charges, including (Conductor), rate per unit of power.	Quote of establishment and transportation, pre-bid and mobilization charges, including (Conductor), rate per unit of power.
1	APPENDIX-I Letter comprising the Bid (Refer Clauses 2.1.5 and 2.14) - Seperate Cover	10.78 Ten Rupees and Seventy Eight Paise Only per unit	9.81 Nine Rupees and Eighty one Paise Only

