

MEGHALAYA NON-CONVENTIONAL AND RURAL ENERGY DEVELOPMENT AGENCY

Near BSF Camp Mawpat, Shillong-793012.
Phone No.0364-2537343/2536138## Fax No.0364-2537611
E-Mail mnreda_shg @ bsnl.in ## Website www.mnreda.Gov.in

TENDER DOCUMENT

1. Work No. : MNREDA/1495/2012/89
2. Name of work : Evaluation, Monitoring and Preparation of Detailed Project Report on 52 Nos. of Remote Village electrified through SPV Home Lighting System with integration of SPV Street Lighting System on Remote village electrification Programme in 5 (five) Districts in Meghalaya.
3. Date of submission of Tender. : 28th January, 2013 upto 12.00 hours.
4. Date of Opening of Tender : 28th January, 2013 upto 13.00 hours.

Tender issued to M/s _____ against application vide letter No. _____ Dated _____ 2012 on payment of Rs.1000 /- (Rupees one thousand) only. Vide Demand Draft No. _____ / Cash Dated _____ through _____ Bank towards the cost of Tender Document.

Issued by : _____
For Member Secretary Cum Director,
Meghalaya Non-Conventional
And Rural Energy Development Agency,
Shillong.

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NOTICE INVITING TENDER

Sealed Tenders with 120 (one hundred twenty) days are invited from the Government of India Ministry of New And Renewable Energy approved consultants to undertake the below mentioned work as details below :

1. Work No : MNREDA/1495/2012/89
2. Name of work : Evaluation Monitoring Preparation of Detailed Report on 52 Nos. of Remote Villages electrified through through SPV Home Lighting Systems with integrate of SPV Street Lighting System on Remote Village Electrification Programme in 6 (six) Districts in Meghalaya.
3. Cost of Tender Paper : Rs.1000/-(Rupees one thousand)only.
4. Date of issue of Tender : 2nd January, 2013 to 24th January, 2013.
5. Date of Submission : 28th January, 2013 at 12:00 Hours.
6. Date of Opening of Tender : 28th January, 2013 at 13:00 Hours.

INSTRUCTIONS :-

- i) Cost of Tender Paper or document should in the form of Banker's Cheque/Demand Draft(Non-Refundable) drawn in favour of Member-Secretary-cum-Director, Meghalaya Non-Conventional and Rural Energy Development Agency.
- ii) While requesting for issuing Tender paper/document an application form in plain paper must be stated clearly Tender Notice with work No. and proof for qualification for the work must be submitted along, without which no Tender will be issued.
- iii) Tender paper/document will be issued by courier/speed post on request but extra payment of Rs.200/- (Rupees two hundred) only for each work No. should be made by Demand Draft in favour of the undersigned towards cost of speed post/courier.
- iv) Local Dealer of any Firm/Manufacturer/Supplier will be issued Tender paper but on furnish of their Dealership Certificate and tender paper issued will be in their Principle's name.

- v) In the event of postal delayed, the undersigned shall not be held responsible.
- vi) Tender paper/document shall be issued on any working day within the specified date.
- vii) Earnest Money deposit of either 1% or 2% as the case may should be accompany the offer.
- viii) Tenderer are to see by themselves that for each work No. nature of work are qualified or not, issuing of tender paper by the office to those non qualified firm/supplier/manufacturer are not the responsibility of this office.
- ix) In case the opening date is declared as holiday, tender shall be opened in the next working day at the same time and hour.
- x) Tender document may be download from our website www.mnreda.Gov.in and bid may be submitted on downloaded but cost of tender shall have to be submitted before submission of tender.

The undersigned reserves the right not to accept the lowest tenderer and may reject any or all the tenderers without assigning any reasons whatsoever.

Sd/-
Member Secretary-cum-Director,
Meghalaya Non-Conventional and Rural
Energy Development Agency,
Shillong.

Copy to :

- i) The Addl. Chief Secretary to the
Govt. of Meghalaya,
Power Deptt.
- ii) Shri R.P. Batra
Deputy Secretary to the Government of India
MNRE, Block No.14, CGO Complex
Lodhi Road, New Delhi – 110003.
- iii) A.S. Parira
Scientist B
MNRE, New Delhi – 110003.
- iv) The State Public Information Officer, National Information Centre, Meghalaya, Shillong. } with a request to put in the State Website.
- v) All recognized Govt./ Autonomous Organization / Universities.
- vi) Notice Board.

Sd/-
Member Secretary-cum-Director,
Meghalaya Non-Conventional and Rural
Energy Development Agency,
Shillong.

INSTRUCTION TO TENDERER :

- (i) Tenderer are to furnish their offer in a sealed cover enveloped and should marked on the cover of envelope NIT No. date and time of opening.
- (ii) Offer should contains Earnest Money, Experience Certificate, Registered Certificate Income Tax Certificate General terms and conditions and the price bid quoted on the tender paper supplied by the office and any other experience paper during the last five financial years should be submitted in a separate sheet of paper.
- (iii) The cost of tender paper is non-refundable of Member-Secretary-cum-Director, Meghalaya Non-Conventional and Rural Energy Development Agency.
- (iv) Earnest Money Deposit is 1% for SC/ST/OBC or 2% General Category and should be in the form of FDR/Call Deposit/BG from any Nationalized or Scheduled Bank duly pledged in favour of the Member Secretary-cum-Director, Meghalaya Non-Conventional and Rural Energy Development Agency.
- (v) Any delayed in post, the undersigned shall not be held responsible.
- (vi) In case the date of submission and opening of tender is declared as holiday, Tender shall be opened in the not working day at the same time and hour.
- (vii) The Tenderer should produce a valid certification of from the Concerned Authority.
- (viii) Work order shall be placed directly to the Concerned Institution/Firm/Consultant
- (ix) The rate quoted in the format provided should be inclusive of any Taxes and Duties or any other expenses.
- (x) It is to be noted that this work will be given preference to any reputed Govt. Organization or to any Experience and reputed NGO. Tender paper will be issued only those who could proof that they have done similar kind of work.
- (xi) All papers and documents submitted with the offer has to be duly attested by any Govt. Official not belong to the rank of magistrate, without attestation Tender/offer shall be automatically rejected.
- (xii) The work invited are purely demonstrative in nature in view of the offerer are to give the detail information which is involved in nature and work will be offered those tenderer who could provide the best and innovative information.
- (xiii) Each and every page of tender paper and document issued by the office has to be duly signed and sealed by the authorized persons of the Institute/Consultants/Firm signing of tender paper and document shall be viewed as acceptance of each and every terms and conditions laid therein. Tender paper and document without signed and sealed by the Institute/Consultant./Firm will not be considered for bidding and stand automatically cancelled.

- (xiv) Any discrepancies observed by the tenderer in the tender paper/document, the tender should bring to the notice of the undersigned prior to tendering.

3. GENERAL TERMS AND CONDITIONS:

- i) **AGREEMENT** : The successful bidder shall have to sign an Agreement within 7(seven) days of issue of work order to be prepared in a stamp paper by the Purchaser.
- ii) **PERIOD OF COMPLETION** : The Evaluation and Monitoring Reports of the RVE villages should be completed within 60(sixty) days from the date of issue of work order and the Draft E & M Reports should be submitted in 2(two) copies each for approval before submitting the final Reports.
- iii) **PAYMENT TERMS** :
- a) 20% will be paid on acceptance of work order on furnished of Bank Guarantee of the amount from any Nationalized/Scheduled Bank and Valid for a period of 3(three) months.
- b) 50% will be paid on acceptance of the Draft E & M Reports by MNREDA as per requirement.
- c) 30% will be paid on complete submission of Final Reports as per Prescribed Format provided by MNREDA.
- iv) **PENALTY** : The study should be completed within the stipulated time, failing which penalty of 0.50% per day or part of with of the total cost subject to maximum of 20% of the total cost will be charged.
- v) **COURT OF JURISDICTION** : The Court of Guwahati High Court, Shillong Bench, will have a jurisdiction in this case if any dispute arises.

4. TITLE OF THE WORK :

Evaluation, Monitoring and Preparation of Detailed Report on 52 Nos. of Remote Village electrified through SPV Home Lighting System with integration of SPV Street Lighting System on Remote Village Electrification Programme in 5 (five) Districts in Meghalaya.

The Villages are mentioned below :

Sl. No.	Name of village	Block	Census code	Population	No.of houses	No.of home lighting system.	No.of Solar Street Lighting System.
South Garo Hills:							
1.	Eman Durabanda	Chokpot	00247800	357	104	104	09
2.	Pope Songmong	-do-	00259900	134	73	73	06
3.	Amonggri	Rongara	00300300	67	27	27	04
	Total				204	204	19
East Garo Hills:							
4.	Mubokdam	Resubelpara	00170000	146	38	38	05
5.	Wakso Radang	-do-	00163700	146	45	07	01
6.	Chibra Jambal	Rongjeng	00190500	174	45	45	03
7.	Rongbang	-do-	00203500	57	66	66	05
8.	Dalbot Bangbol	Songsak	00217300	39	14	14	03
9.	Champe Apal	-do-	00210800	24	26	26	03
10.	Mandalang Akoksi	Songsak	00219800	16	7	7	-
11.	Dambegre	Samanda	00237900	7	12	12	02
12.	Pilgonggri	-do-	00236400	39	25	25	01
13.	New Chedekgri	-do-	00234400	41	17	17	-
	TOTAL				257	257	23
Jaintia Hills:							
14.	Wah Lyngdoh	Amlarem	00577400	-	01	01	-
15.	Myntangtihwieh	Laskein	00567500	-	04	04	-
16.	Umlaper	Amlarem	00599900	-	08	08	-
	TOTAL				13	13	-
East Khasi Hills:							
17.	Klang	Mawkynrew	00498500	08	07	07	01
18.	Dewkber	Mawsynram	00503400	07	07	07	01
19.	Sohktieh	-do-	00515700	123	05	05	-
20.	Mawlyngkoi	Pynursla	00543600	14	05	05	01
21.	Dewsaw	Shellabholaganj	0054900	18	05	05	-
22.	Jalba	-do-	00533300	2	02	02	-
23.	Khohiar	-do-	00523500	2	02	02	-
24.	Mawbe-wein	-do-	00524200	77	31	31	06
25.	Nonglynkein	-do-	00527000	28	04	04	01
26.	Palang	-do-	00524800	42	15	15	02
27.	Wahjain	-do-	00532500	5	04	04	01
28.	Wahsohkhain	-do-	00524700	10	01	01	-
	TOTAL				88	88	13

West Khasi Hills								
29.	Niangbyr-Kong	Mawshynrut	00315200	18	09	09	02	
30.	Nirang	-do-	00335500	79	15	15	02	
31.	Nongmawkar	-do-	00312700	32	22	22	02	
32.	Noapara	-do-	00308300	253	63	63	06	
33.	Nongkrong	-do-	00327400	227	43	43	05	
34.	Shongbiang	-do-	00329900	202	25	25	03	
35.	Sokyntait	-do-	00326100	63	10	10	02	
36.	Swangre Nongrum	-do-	00331400	43	19	19	02	
37.	Swangre Waso	-do-	00331000	127	31	31	02	
38.	Swangre Acheng	-do-	00331200	78	18	18	02	
39.	Naitwang	-do-	00336000	51	06	06	01	
40.	Waregro	-do-	003086000	50	53	53	05	
41.	Mawlangkei	Mawshynrut	00357400	53	12	12	02	
42.	Umthli	Nongstoin	00347200	154	53	53	06	
43.	Amarsang	Ranikor	00372700	114	28	28	03	
44.	Umlyngkut	-do-	00372500	54	15	15	02	
45.	Weikut	-do-	00372900	99	26	26	03	
46.	Riangmaw	Mawshynrut	00336100	101	44	41	05	
47.	Langmara	-do-	00335700	75	22	22	02	
48.	Madanjira	-do-	00312000	59	27	27	05	
49.	Domtiesaw	-do-	00316600	34	13	13	02	
50.	Dariphang	-do-	00315100	140	39	39	04	
51.	Matchok Khamram	-do-	00334000	95	34	34	04	
52.	Mawbon-Riangna	-do-	00333200	40	18	18	03	
TOTAL						645	645	76
GRAND TOTAL-52 villages						1207	1207	131

OBJECTIVE OF THE STUDY :

9. To have a physical assessment of the selected villages relating to the RVE Programme.
10. To verify whether the listed beneficiaries are actually benefited by the scheme.
11. To evaluate the producer adopted the village level for the maintenance of Solar Lighting System.
12. To have an assessment of technical skill of the beneficiaries for the self maintenance of the technical equipments.
13. To assess the present modality of the implementation of the scheme and to suggest future course of action.
14. Name of village may liable to be changed but prior information will be given starting of work.

6. SCOPE OF WORK :

The Evaluation and Monitoring should be conducted the 52 Nos. of villages which are located in the Districts of East Garo Hills, East Khasi Hills, West khasi Hills, Ri-Bhoi District, South Garo Hills and Jaintia Hills.

The works should be involved the following :-

1. Verification of each beneficiary of the individual village as per list and prescribed format provided by MNREDA.
2. Total numbers of system (home lighting systems and street lighting systems) supplied & installed by the Firms.
3. Photograph of each beneficiary showing a component like module, luminary etc.
4. Whether the village energy committee is form or not and present status.
5. If formed, whether functioning properly or not
6. Modality for proper maintenance and up keeping of the systems by the Firms.
7. Ascertain any Awareness cum-Training organized by the Firms in each village.
8. Ascertain if the beneficiaries are fully satisfied after getting the systems.
9. Any suggestions provided by the beneficiary
10. Amount of kerosene saved per month
11. Cost of kerosene (Rs. Per litre)

The data of the electrification of unelectrified villages by Solar Home Lighting System and Solar Street Lighting system in 52 Nos. villages in different Districts should be collected in District wise and villagewise in the format enclosed at Annexure.

15. **BIDDING SCHEDULED (PRICE) :**

SL. No.	Name of District	Total No.of houses	No.of villages	Rate per village	Amount (Rs.)
1.	East Garo Hills District	257	10		
2.	Jaintia Hills District	13	3		
3.	East Khasi hills District	88	12		
4.	West Khasi Hills District	645	24		
5.	South Garo Hills District	204	3		
	Total	1207	52		

(Rupees _____
_____))
only.

Sign & Seal of Authorized
Persons of the Firm.

FORMAT-I.

LIST OF VILLAGES AND NO.OF ALLOTTED SOLAR LIGHT IN EAST GARO HILLS, WEST KHASI, EAST KHASI HILLS, SOUTH GARO HILLS AND JAINTIA HILLS.

Sl. No.	Name of village	Block	District	Census code	Household (HH)	Community	Home lighting system(HLS)		Street Lighting System (SLS)
	Total:								

Department:

Total Nos. of Home Lighting Systems:

Total Nos. of Solar Street Lighting Systems:

FORMAT – II

DISTRICTWISE EXISTENCE OF SOLAR LIGHTING SYSTEM

Sl. No.	Name of District	No.of villages covered	As per Record		Street Lighting System	Community	As per Field visit		No.of Street Lighting System & percentage
			Home Lighting System of H.H.				Home Lighting System for House hold		
			Model-I	Model-II			No.Model-I & percentage (1%)	No.Model-II & percentage	
1.									
2.									
3.									
4.									
5.									
	Total:								

FORMAT-III
DISTRICT WISE CONDITION OF SOLAR LIGHTING SYSTEM

Sl. No	Name of the District	No. of villages covered	House hold			Community			Street Lighting System		
			System available	System in running condition	Percentage of Systems in running condition	System available	System in running condition	Percentage of systems in running condition	Systems available	Systems in running condition	Percentage of systems in running conditions
1.											
2.											
3.											
4.											
5.											
	Total:										

FORMAT – IV
DISTRICTWISE PERFORMANCE OF SOLAR LIGHTING SYSTEM

Sl. No.	Name of the District	Name of villages covered	Systems found available as per Field visit				Over all working performance of Systems									
			HLS for H.H.		Communi-ty	Street Lighting System	Good			Medium			Poor			
			M-I	M-II			HLS for H.H.	Communi-ty	SLS	HLS for H.H.	Communi-ty	SLS	HLS for H.H.			
						M-I	M-II			M-I	M-II			M-I	M-II	
1.																
2.																
3.																
4.																
5.																
	Total:															

FORMAT – VI

DISTRICTWISE AVAILABILITY OF VEC, POST INSTALLATION TRAINING PROGRAMME, ETC.

Sl. No.	District	No. of Villages covered	Villages where VEC format		No. of Villages where Pre Institution Awareness Programme was conducted		No. of villages where Post Installation Training was conducted	
			Nos.	Percentage	Nos.	Percent	Nos.	Percentage
1.								
2.								
3.								
4.								
5.								
6.								
7.								

Total:

FORMAT -VII

VILLAGE WISE AND CATEGORY WISE NO. OF HOUSEHOLD BENEFICIARY WITH WHOM SYSTEM FOUND AVAILABLE

Sl. No	District	Household Beneficiary as per field visit	ST	% age	SC	% age	General	% age	Others	% age
1.										
2.										
3.										
4.										
5.										

Total:

FORMAT – VIII

VILLAGE-WISE EXISTANCE OF SOLAR LIGHTING SYSTEM

Sl. No.	Name of the villages	Name of the District	As per record				As per Field visit			
			HLS for HH		Community	Street Light	HLS for HH		No. of Community light & (% age)	No. of Street Light & (% age)
			Model-I	Model-II			No. of Model-I & (% age)	No. of Model-II & (% age)		

Total:

FORMAT – IX

VILLAGE WISE CONDITION OF SOLAR LIGHTING SYSTEM

Sl. No.	Name of the Village	No. of the District	Household			Community			Street Lighting System		
			System available	System in Running condition	Percentage of Systems in Running condition	System available	System in Running condition	Percentage of Systems in Running condition	System available	System in Running condition	Percentage of System in Running condition
	Total										

FORMAT – X

VILLAGE WISE PERFORMANCE OF SOLAR LIGHTING SYSTEM

Sl. No.	Name of the village	District	System found available as per Field visit			Over all working Performance of System												
						HLS for HH		Community	SL S	Good			Medium			Poor		
			M-I	M-II	HLS for HH	Com.	SL S			HLS for HH	Com.	SL S	HLS for HH	Com.	SL S			
						M-I	M-II				M-I	M-II			M-I	M-II		

FORMAT-XI.

VILLAGE WISE MAINTENANCE STATUS OF THE SOLAR LIGHTING SYSTEM.

Sl No.	Villa ge	Systems found available as per field visit.			System Maintenance Status																	
					Household						Community						Street Light					
		HL S Fo r H H	CO M	SL S	Go od	%	Medi um	%	Po or	%	Go od	%	Medi um	%	Po or	%	Go od	%	Medi um	%	Po or	%

FORMAT-XII.

**VILLAGE WISE PERFORMANCE OF VEC, POST INSTALLATION TRAINING PROGRAMME, LOG BOOK
MAINTENANCE ETC.**

Sl. No.	Village	District	No.of household beneficiary				Post installation training programme	Availability of trained manpower	Performance of the VEC	Maintenance of prescribed Log-Book
			As per record		As per field visit					
			HLS for HH	HLS for HH	HLS for HH	HLS for HH				
			Model-I	Model- II	Model-I	Model- II				

FORMAT-XIII.

VILLAGE WISE & CATEGORY WISE NO OF HOUSEHOLD BENEFICIARY WITH WHOM SYSTEM FOUND AVAILABLE.

SL. No.	Village	District	Household beneficiary as per field visit.	ST	% age	SC	%age	General	%age	Others	%age