

INVITATION TO QUOTE

Project Name: Ayeyarwady Integrated River Basin Management (AIRBM) Project,
Client: Directorate of Water Resources and Improvement of River System (DWIR), Project Management Unit (PMU)

Country: Myanmar

Invitation to Quote for 2 generators; one for PMU and the other for Department of Meteorology and Hydrology (DMH)

Contract Package Name: Generators

Reference: G2.1.3

Date: 8th June 2016

To:

Gentlemen:

1. You are invited to submit your price quotation(s) for the supply of the following item:
 - (i) Generators
2. Information on technical specifications and required quantities are provided in Attachment 2.
3. The Republic of the Union of Myanmar has received a credit from the International Development Association (IDA), and intends to apply the proceeds of this loan to eligible payments under the contracts for which this invitation for quotation is issued. Directorate of Water Resources and Improvement of River Systems (DWIR), MoTC is the implementing agency of the AIRBM through the Project Management Unit (PMU).
4. You must quote for all the items under this Invitation. Price quotations will be evaluated for all the items together and contract awarded to the firm offering the lowest evaluated total cost of all the items.
5. Your signed and sealed quotation(s) in the required format should be addressed and submitted to the following address in hard copy :

AIRBM Project PMU Office, Directorate of Water Resources and Improvement of River Systems (DWIR),
Ministry of Transportation and Communication
No. 400, Lower Pazundaung Road, Pazundaung Post Office, Postal Code 11171, Pazundaung Township,
Yangon, Myanmar

6. Your quotation shall be submitted in English language, should be accompanied by adequate technical documentation and catalogue(s) and other printed material or pertinent information (in English language) for the

proposed generators, including names and addresses of firms providing maintenance services in Yangon, Myanmar.

7. The deadline for receipt of your quotation (s) by the Purchaser at the addressed indicated in Paragraph 5 is:
21st June 2016

8. Quotations e-mail are not acceptable

9. Your quotation(s) should be submitted as per the following instructions and in accordance with the Terms and Conditions of supply in the attached draft Purchase Order. Please fill in and sign Attachment No. 2.and Attachment3.

(i) PRICES: The prices should be quoted in Myanmar Kyat

(ii) EVALUATION AND AWARD OF PURCHASE ORDER: Offers, determined to be substantially responsive to the technical specifications, will be evaluated by comparison of their prices. The award will be made to the firm offering the lowest evaluated price that meets the required standards of technical and financial capabilities.

(iii) VALIDITY OF THE OFFER: Your quotation(s) should be valid for a period of 45 days from the date for receipt of quotation(s) indicated in Paragraph 7 of this Invitation to Quote.

10. Further information can be obtained from:

U Htin Kyaw, Deputy Director, Procurement Section of DWIR
N0: 400, Lower Pazaungtaung Road, Pazaungtaung T.S. Yangon, Myanmar
Telephone: 01291533 or 095035527
e-mail: kohtinkyaw1@gmail.com

11. Please Confirm by Fax/e-mail the receipt of this invitation and whether or not you will submit the price quotation(s).

Sincerely,



WIN HLAING,
Project Director, AIRBM Project

Attachment 1

SHOPPING

Draft Purchase Order

Purchase Order No. _____

Date of Purchase Order _____

Name of the Purchaser _____

Complete Postal Address of Purchaser _____

Telephone No. _____

Fax No. _____

Subject: SUPPLY OF _____

TO: {Please insert Supplier's name and address}

Dear Sirs:

Your price quotation No. _____ Dated _____ for the supply of the above goods is accepted by the Purchaser for an amount of _____ as per the Terms and Conditions described in Attachment 2 to this Purchase Order.

Please acknowledge receipt within 10 (ten) days from the date of receipt of this Purchase Order.

Sincerely,

Purchaser

Attachments:

Attachment 2 and Attachment 3

Attachment 2
SHOPPING
Terms and Conditions of Supply

Project Name: Ayeyarwady Integrated River Basin Management Project (AIRBM)
Purchaser: Project Management Unit (PMU)
Package ref. no and name: G2.1.3 – Generators

1. Prices and Schedules for Supply

Item	Description	Unit	Quantity (*)	Unit Price (MMK)	Total	Delivery Time
1	Generator-60KVA	No	2			
2	Electric cable installation from main switch to Generator Location (approx.60feet length) & Change Over Switch Installation, Generator Housing (Zinc roof – 3 feet height above generator and 3 feet height concrete base block)					
	Total Price					
	Taxes					
	Grand Total Price					

1. You must quote for all the items under this invitation. Total price will be evaluated and contract will be awarded to the firm offering the lowest evaluated price.
2. Fixed Price: The prices indicated above are firm and fixed and not subject to any adjustment during contract performance. Currency to be used is only **Myanmar Kyats**. The price shall include transportation, installation, commissioning and training the Purchaser staff in operating the generators for at least one hour and all the incidental services.
3. Delivery Schedule: The delivery should be completed within the proposed delivery time from the date of contract, however, the proposed delivery period should not exceed 4 weeks in any case.
The Goods shall be delivered to the address given below:
 - 1) Directorate of Water Resources and Improvement of River System (DWIR), Procurement Section,
No: 400, Lower Pazaungtaung Road, Pazaungtaung T.S. Yangon, Myanmar 1.No
 - 2) Department of Meteorology and Hydrology, No. (50), Kaba-Aye Pagoda Road, Mayangone Township, Yangon. 1.No
4. Payment: Payment of the contract price shall be made in currency of the quotation of the successful bidder within 21 calendar days of receipt, commissioning and acceptance of the goods upon submission of an invoice supported by the Acceptance Certificate issued by the Purchaser.
5. Testing: An acceptance certificate shall be issued by the purchaser upon satisfactory completion of tests and inspection as Technical Specifications mentioned in the Attachment.

6. Warranty: Goods offered should be covered by manufacturer's warranty for at least 1 years from the date of Acceptance Certificate.
7. Required Technical Specifications
(i) Technical specifications as indicated in Attachment 3
The Supplier confirms compliance with above specifications {In case of deviations supplier to list all such deviations }.
8. Failure to Perform: The Purchaser may cancel the Purchase Order if the Supplier fails to deliver the Goods in accordance with above terms and conditions, in spite of being given 21 days notice by the Purchaser, without incurring any liability to the Supplier.

NAME OF THE SUPPLIER _____

Authorized Signature _____

Place: _____

Date _____

Attachment 3
Comparison of Bidder offer

Minimum Required Technical Specifications		Bidder's Offer	
Generator-60KVA		Generator-60KVA	
Standby Power	66KVA	Standby Power	
Prime Power	60KVA	Prime Power	
<u>Standard Features</u>		<u>Standard Features</u>	
<u>Engine Data</u>		<u>Engine Data</u>	
Engine Manufacturer/Model	TBD by supplier	Engine Manufacturer/Model	
Charge Alternator	24V	Charge Alternator	
Engine Filtration System	Catridge type dry air filter Catridge type fuel filter Full flow lube oil filter All filters have replaceable elements	Engine Filtration System	
Cooling Radiator	Radiator and cooling fan, complete with safety guards, designed to cool the engine at high ambient temperatures	Cooling Radiator	
Cylinder/Arrangement	4/L	Cylinder/Arrangement	
Displacement	3.9 L	Displacement	
Bore and Stroke	102mmx120mm	Bore and Stroke	
Compression Ratio	17.3:1	Compression Ratio	
Rated RPM	1500RPM	Rated RPM	
Max. stand by power at rated RPM	55KW	Max. stand by power at rated RPM	
Frequency regulation, steady state	≤ 1%	Frequency regulation, steady state	
Governor : type	Electrical	Governor : type	
Circuit Breaker Type	Main Line Circuit Breaker	Circuit Breaker Type	
<u>Exhaust System</u>	Heavy Duty Industrial Exhaust Silencer	<u>Exhaust System</u>	
Exhaust gas flow	134L/s	Exhaust gas flow	
Exhaust temperature	548°C	Exhaust temperature	
Max. back pressure	76mmHg	Max. back pressure	
<u>Fuel System</u>		<u>Fuel System</u>	
Fuel consumption 100% (of the Prime Power)	12.9L/h	Fuel consumption 100% (of the Prime Power)	
<u>Oil system</u>		<u>Oil system</u>	
Total oil capacity w/filters	10.9L	Total oil capacity w/filters	
<u>Air Intake</u>		<u>Air Intake</u>	
Engine air flow	52L/s	Engine air flow	
<u>Coolant System</u>		<u>Coolant System</u>	
Radiator & engine capacity	29.0L	Radiator & engine capacity	
Max. water temperature	104°C	Max. water temperature	
Thermostat	82-95°C	Thermostat	
<u>Generator Data/Alternator</u>		<u>Generator Data/Alternator</u>	
Manufacturer/Type	TBD by supplier	Manufacturer/Type	
Number of phase power	3	Number of phase power	
Power Factor	0.8	Power Factor	
Exciter Type	Brushless SHUNT	Exciter Type	
Protection	IP23	Protection	
No of Bearing	1	No of Bearing	
Coupling	Direct	Coupling	
Insulation : class,	H/H	Insulation : class,	

temperature rise		temperature rise	
Control Panel		Control Panel	
Generator Voltage (L-L/L-N)		TBD by supplier	
Frequency (Hz)		TBD by supplier	
Ampere (L1,L2,L3)		TBD by supplier	
Engine Running Hr		TBD by supplier	
Generator History tracking for faults		TBD by supplier	
Oil Pressure		TBD by supplier	
Power rating (KW/KVA)		TBD by supplier	
Battery Voltage		TBD by supplier	
Fuel Consumption		TBD by supplier	
Alarm System		TBD by supplier	
Generator Current		TBD by supplier	
Under speed, Over speed		TBD by supplier	

*TBD-To Be Described