

From : Gen Proc & Inv
THERMAL GENERATION
Wisma SEB, No 1, The Isthmus
KUCHING 93050
Sarawak Malaysia
Tel : 082-388388
Fax : 082-344433

Our Reference: GPI 91/16

Date :30.11.2016
RFQ No: 6000049215

To : UPK REGISTERED TENDERERS
HEAD II SUBHEAD 4(b)
SESCO SARAWAK
KUCHING 93673
Sarawak Malaysia

Dear Sir/Madam

**SUPPLY AND DELIVERY OF PARTS FOR GE FRAME 6B AND FRAME 9E GAS TURBINES
AT BINTULU POWER STATION**
Tender Ref.: GPI 91/16

You are cordially invited to tender for items listed in the attached schedule.

Please refer to **Tender Document** for the instructions & conditions to tender.

Tenders are to be submitted in sealed plain envelope marked :

1. **"CONFIDENTIAL" - Tender for the SUPPLY AND DELIVERY OF PARTS FOR GE FRAME 6B AND FRAME 9E GAS TURBINES AT BINTULU POWER STATION**
2. **Tender Ref.: GPI 91/16**
3. **"Closing date and time: 04.01.2017 at 3:00 p.m."**

addressed to:

The Chief Executive Officer
SESCO
P O Box 149
93700 Kuching, Sarawak

and to reach the Tender Box at Menara SEB on or before 04.01.2017 at 3.00 pm.

or hand-delivered to:

The Officer-In-Charge
Tender Box,
Level 1 (Ground Floor) North Wing,
No. 1, The Isthmus,
Menara Sarawak Energy,

93050 Kuching Sarawak.
Sarawak Energy Berhad.

ON OR BEFORE 04.01.2017 at 3.00 pm

and to reach the Tender Box addressed above on or before 04.01.2017 at 3:00 p.m.

Yours faithfully,

(ALEX SIEW)
for CHIEF EXECUTIVE OFFICER

LIST OF REQUIREMENT/SCOPE OF WORK

Item No	Material Number	Quantity	Description Unit	Plant	Price
001	60000633	60	LOCKING INSERT EA	BINTULU POWER STATION	
<p>Material part no.: N926CP00329H2 Manufacturer :</p> <p>ML 805, FIG. 17/DG. 164C2821G013 CASE ASSY CPRSR DISCH GE MS60000/ MS6001B (FRAME 6)</p>					
002	60000180	2	SPRING SEAT EA	BINTULU POWER STATION	
<p>Material part no.: 114A3518P001 Manufacturer :</p> <p>ML 544, FIG. 25/DG. 973E0510G008 CAT NO: G054401 VALVE STOP RATIO & CONTROL BASE GE MS6000/ MS6001B (FRAME 6)</p>					
003	60000208	2	SPRING SEAT EA	BINTULU POWER STATION	
<p>Material part no.: 215A4599P001 Manufacturer :</p> <p>ML 544, FIG. 117/DG. 973E0510G008 CAT NO: G054401 VALVE STOP RATIO & CONTROL BASE GE MS6000/ MS6001B (FRAME 6)</p>					
004	60001162	4	VALVE SOLENOID EA	BINTULU POWER STATION	
<p>Material part no.: 354A1617P001 Manufacturer :</p> <p>PF 1019, DG. 354A1617P001 RK DG. 4S-5371 VALVE SOLENOID GE MS6000/ MS6001B (FRAME 6)</p>					

Item No	Material Number	Quantity	Description Unit	Plant	Price
005	60001726	10	SHIM EA	BINTULU POWER STATION	
<p>Material part no.: 242B9657P017 Manufacturer :</p> <p>ML 1604, FIG. 29/DG. 213C1450G001 BOLTING AND DOWELLING ARR GE MS60000/ MS6001B (FRAME 6)</p>					
006	60001868	40	BOLT 12 POINTS EA	BINTULU POWER STATION	
<p>Material part no.: N733P35032 Manufacturer :</p> <p>ML0805 DG 164C2821G013 CASE ASSY CPRSR DISCH GE MS60000/ MS6001B (FRAME 6)</p>					
007	20024667	2	VALVE PLUG EA	BINTULU POWER STATION	
<p>Material part no.: 142B9759P011 Manufacturer :</p> <p>ML0544 DG NO. 197C3425G010 VALVE PRESSURE RATIO GE MS60000/ MS6001B (FRAME 6)</p>					
008	29802131	4	SPRING EA	BINTULU POWER STATION	
<p>Material part no.: 279A1654P001 Manufacturer :</p> <p>ML 0705, DWG. NO. 109E3954G016 CASE ARR, TURBINE GE F6 FRAME6 GAS TURBINE</p>					

Item No	Material Number	Quantity	Description Unit	Plant	Price
009	29803143	30	SHIM EA	BINTULU POWER STATION	
<p>Material part no.: 225A9249P001 Manufacturer :</p> <p>ML0811 DG NO. 103E3287G011 VANE, INLET GUIDE,VARIABLE GE MS60000/ MS6001B (FRAME 6)</p>					
010	60001285	1	SOLENOID FILTER CARD EA	BINTULU POWER STATION	
<p>Material part no.: IC3600SSFG1 Manufacturer :</p> <p>ML 1101, FIG. A50/DG. 342A1818P001 CONTROL COMPARTMENT ASSY GE MS60000/ MS6001B (FRAME 6)</p>					
011	60001311	2	AGASTAT RELAY EA	BINTULU POWER STATION	
<p>Material part no.: AGA#7014PB Manufacturer :</p> <p>ML 1101, FIG. A01/DG. 348A4188G001 CONTROL COMPARTMENT ASSY GE MS60000/ MS6001B (FRAME 6)</p>					
012	20018271	3	SEISIMICAL SENSOR METRIX EA	BINTULU POWER STATION	
<p>Material part no.: ITEM 811 Manufacturer :</p> <p>LOAD GEAR WITH PARALLEL SHAFTS MACHINE NO.5443 TR L65CV ASSEMBLY DRWG. 02C842AO OUTLINE DRWG. 02F677C1 GEARING : 3000 tr/mm</p>					

Item No	Material Number	Quantity	Description Unit	Plant	Price
013	60000385	4	THERMOCOUPLE & WELL EA	BINTULU POWER STATION	
<p>Material part no.: 248A4123P065 Manufacturer :</p> <p>ML 637, FIG. 4/DG. 103E8130G008 THERMOCOUPLE ARR GE MS60000/ MS6001B (FRAME 6)</p>					
014	60001313	5	AGASTAT RELAY EA	BINTULU POWER STATION	
<p>Material part no.: AGA#7014PD Manufacturer :</p> <p>ML 1101, FIG. A03/DG. 348A4188G001 CONTROL COMPARTMENT ASSY GE MS60000/ MS6001B (FRAME 6)</p>					
015	20001112	6	VELOCITY VIBRATION TRANSDUCER EA	BINTULU POWER STATION	
<p>VIBRATION TRANSDUCER</p>					
016	60001820	15	TRANSDUCER VIBRATION VELOCITY EA	BINTULU POWER STATION	
<p>Material part no.: 314A5078P001 Manufacturer :</p> <p>IMO PART NO. 09384/4-131-0103 TRANSDUCER GE MS60000/ MS6001B (FRAME 6)</p>					
017	60001162	5	VALVE SOLENOID EA	BINTULU POWER STATION	
<p>Material part no.: 354A1617P001 Manufacturer :</p> <p>PF 1019, DG. 354A1617P001 RK DG. 4S-5371 VALVE SOLENOID</p>					

Item No	Material Number	Description	Plant	Price
	Quantity	Unit		

GE MS6000/ MS6001B (FRAME 6)

018	60000407	TRANSMITTER, PRESSURE EA	BINTULU POWER STATION	
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Material part no.: 287A1762P033
Manufacturer :

ML 639, FIG. 2/DG. 348A4187G003
FUEL GAS MEASURING SYS
GE MS60000/ MS6001B (FRAME 6)

019	29804497	HS Thru Cap EA	BINTULU POWER STATION	
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Material part no.: 50030-1689
Manufacturer :

020	29804498	LS Thru Cap EA	BINTULU POWER STATION	
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Material part no.: 50030-1690
Manufacturer :

021	60000230	O-RING VITON A75 DUROMETER EA	BINTULU POWER STATION	
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Material part no.: 185A1354P112
Manufacturer :

ML 548, FIG. 3512/DG. 154D7375G003
VALVE ASSY HYD TRIP RELAY
GE MS60000/ MS6001B (FRAME 6)

Item No	Material Number	Quantity	Description Unit	Plant	Price
022	60000236	1	VALVE ASSY, HYDR TRIP VALVE EA	BINTULU POWER STATION	
<p>Material part no.: 154D7375G005 Manufacturer :</p> <p>ML 548, FIG. 13/DG. 973E0500G017 ACTUATOR ASSY JGV GE MS60000/ MS6001B (FRAME 6)</p>					
023	29801141	2	BEARING HALF PR	BINTULU POWER STATION	
<p>Material part no.: S1801-016-001 Manufacturer :</p> <p>ACCESSORY GEAR MC 601 GE DWG NO:351A9529P001 MANUFACTURER:WESTECH GEAR CORPORATION MODEL NO:6810-1345-51-15 NT SERIAL NO:5106 MANUFACTURER P/NO:S1801-016-001</p>					
024	29801161	3	O RING EA	BINTULU POWER STATION	
<p>Material part no.: 208691 Manufacturer :</p> <p>ACCESSORY GEAR MC 601 GE DWG NO:351A9529P001 MANUFACTURER:WESTECH GEAR CORPORATION MODEL NO:6810-1345-51-15 NT SERIAL NO:5106 MANUFACTURER P/NO:208691</p>					
025	60026826	1	BEARING SHIM EA	BINTULU POWER STATION	
<p>Material part no.: 50-315-8079 Manufacturer :</p> <p>ACCESSORY DRIVE</p>					

Item No	Material Number	Quantity	Description Unit	Plant	Price
	PHILADELPHIA 965B181-1				
026	20024397	1	TEMP DETECT EA	BINTULU POWER STATION	
	Material part no.: 351A9616P001 Manufacturer :				
	ML0637 DG NO. 103E8130G003 THERMOCOUPLE ARR REMOVAB. GE MS60000/ MS6001B (FRAME 6)				
027	60000399	5	TC/S FOR THERMOWELL EA	BINTULU POWER STATION	
	Material part no.: 351A3445P023 Manufacturer :				
	PF 637, FIG. 2/DG. 112E1011G004 THERMOCOUPLE ARR-REMOVABLE GE MS60000/ MS6001B (FRAME 6)				
028	60002091	10	SPRING EA	BINTULU POWER STATION	
	Material part no.: 261A1581P001 Manufacturer :				
	ML 235, FIG. 37/DG. 344A6079G003 INSTRUMENT ARR BEARING #1				
029	60000488	15	PLUG EA	BINTULU POWER STATION	
	Material part no.: 213B1358P001 Manufacturer :				
	ML 705, FIG. 10/DG. 109E3954G016 CASE ARR TURBINE GE MS60000/ MS6001B (FRAME 6)				

Item No	Material Number	Quantity	Description Unit	Plant	Price
030	60000490	2	PLUG EA	BINTULU POWER STATION	
<p>Material part no.: 213B1359P001 Manufacturer :</p> <p>ML 705, FIG. 11/DG. 109E3954G016 CASE ARR TURBINE GE MS60000/ MS6001B (FRAME 6)</p>					
031	60000531	12	PLUG, BORESCOPE HOLE EA	BINTULU POWER STATION	
<p>Material part no.: 213B1339P001 Manufacturer :</p> <p>ML 705, FIG. 20/DG. 887E0833G016 TURBINE SHELL MACHINE GE MS60000/ MS6001B (FRAME 6)</p>					
032	29802131	5	SPRING EA	BINTULU POWER STATION	
<p>Material part no.: 279A1654P001 Manufacturer :</p> <p>ML 0705, DWG. NO. 109E3954G016 CASE ARR, TURBINE GE F6 FRAME6 GAS TURBINE</p>					
033	60000547	14	SPRING EA	BINTULU POWER STATION	
<p>Material part no.: 279A1674P001 Manufacturer :</p> <p>ML 705, DG. 887E0833G016 TURBINE SHELL MACHINE GE MS60000/ MS6001B (FRAME 6)</p>					

Item No	Material Number	Quantity	Description Unit	Plant	Price
034	60000510	6	PIN, SHROUD TURBINE EA	BINTULU POWER STATION	
<p>Material part no.: 227C9033P002 Manufacturer :</p> <p>ML 705, FIG. 31/DG. 109E3954G016 CASE ARR TURBINE GE MS60000/ MS6001B (FRAME 6)</p>					
035	60000542	6	PLUG, BORESCOPE HOLE EA	BINTULU POWER STATION	
<p>Material part no.: 248A4454P001 Manufacturer :</p> <p>ML 705, FIG. 34/DG. 887E0833G016 TURBINE SHELL MACHINE GE MS60000/ MS6001B (FRAME 6)</p>					
036	60000522	12	BOLT EA	BINTULU POWER STATION	
<p>Material part no.: N733AP50192 Manufacturer :</p> <p>ML 705, FIG. 6/DG. 887E0827G002 CASE MACH TURBINE GE MS60000/ MS6001B (FRAME 6)</p>					
037	60000566	62	BULL SUPPORT, CLAMP SUPPORT EA	BINTULU POWER STATION	
<p>Material part no.: 193D9001G001 Manufacturer :</p> <p>ML 717, FIG. 3/DG. 943E0202G001 TRANSITION PIECE KIT GE MS60000/ MS6001B (FRAME 6)</p>					

Item No	Material Number	Quantity	Description Unit	Plant	Price
038	60000633	20	LOCKING INSERT EA	BINTULU POWER STATION	
<p>Material part no.: N926CP00329H2 Manufacturer :</p> <p>ML 805, FIG. 17/DG. 164C2821G013 CASE ASSY CPRSR DISCH GE MS60000/ MS6001B (FRAME 6)</p>					
039	29802121	2	SCREW SOCHD EA	BINTULU POWER STATION	
<p>Material part no.: N170P29048 Manufacturer :</p> <p>ML 0805, DWG. NO. 188D7513G002 CASE, CPRSR-DISCHARGE GE F6 FRAME6 GAS TURBINE</p>					
040	29803143	10	SHIM EA	BINTULU POWER STATION	
<p>Material part no.: 225A9249P001 Manufacturer :</p> <p>ML0811 DG NO. 103E3287G011 VANE, INLET GUIDE,VARIABLE GE MS60000/ MS6001B (FRAME 6)</p>					
041	60002007	288	BOLT EA	BINTULU POWER STATION	
<p>Material part no.: 2883343-07030 Manufacturer :</p> <p>ML 1310, DG. 315A2364P001 COUPLING FLEXIBLE OUTPUT (OLD MPN 2880476-07030 IS SUPERCEDED BY NEW MPN 2883343-07030)</p>					

Item No	Material Number	Quantity	Description Unit	Plant	Price
042	60002008	288	NUT EA	BINTULU POWER STATION	
<p>Material part no.: 2883395-4 Manufacturer :</p> <p>ML 1310, DG. 315A2364P001 COUPLING FLEXIBLE OUTPUT</p>					
043	60001198	30	CARTRIDGE EA	BINTULU POWER STATION	
<p>Material part no.: 258A4860P002 Manufacturer :</p> <p>ML 1051, DG. 317A9527P002 FILTER HYDRAULIC PRESSURE GE MS60000/ MS6001B (FRAME 6) (OLD MPN 317A9527P002 IS SUPERSEDED BY NEW MPN 258A4860P002)</p>					
044	20025946	5	SPARK PLUG ASM EA	BINTULU POWER STATION	
<p>Material part no.: 178C6072G002 Manufacturer :</p> <p>ML. 1214 DG. NO. 178C6072G002 SPARK PLUG ASSY GE MS60000/ MS6001B (FRAME 6)</p>					
045	29803744	368	BKT SEAL PIN EA	BINTULU POWER STATION	
<p>Material part no.: 302A1114P001 Manufacturer :</p> <p>ML 1305 DWG NO 314B7162G011 BLADE KIT FOR STG. 1</p>					

Item No	Material Number	Quantity	Description Unit	Plant	Price
046	29803746	10	PIN DOWEL EA	BINTULU POWER STATION	
Material part no.: 279A1733P001 Manufacturer : ML 1305 DWG NO 314B7162G011 BLADE KIT FOR STG. 1					
047	29803748	184	BKT SEAL PIN EA	BINTULU POWER STATION	
Material part no.: 279A1741P001 Manufacturer : ML 1305 DWG NO 314B7162G011 BLADE KIT FOR STG. 1					
048	29803749	184	BKT SEAL PIN EA	BINTULU POWER STATION	
Material part no.: 302A1153P001 Manufacturer : ML 1305 DWG NO 314B7162G011 BLADE KIT FOR STG. 1					
049	29803081	184	BKT SEAL PIN EA	BINTULU POWER STATION	
Material part no.: 279A1706P001 Manufacturer : ML 1305 DWG NO 314B7164G004 ITEM 149 BLADE KIT STG. 3 TB & TC GE MS60000/ MS6001B (FRAME 6)					
050	29803082	184	BKT SEAL PIN EA	BINTULU POWER STATION	
Material part no.: 279A1705P003 Manufacturer :					

Item No	Material Number	Quantity	Description Unit	Plant	Price
	ML 1305 DWG NO 314B7164G004 ITEM 150 BLADE KIT STG. 3 TB & TC GE MS60000/ MS6001B (FRAME 6)				
051	29803083	184	BKT TWIST EA	BINTULU POWER STATION	
	Material part no.: 239B5791P006 Manufacturer :				
	ML 1305 DWG NO 314B7164G004 ITEM 151 BLADE KIT STG. 3 TB & TC GE MS60000/ MS6001B (FRAME 6)				
052	60001663	2	SHIM STRAP EA	BINTULU POWER STATION	
	Material part no.: 213B1324P002 Manufacturer :				
	ML 1502, FIG. 7/DG. 103E8481G002 BEARING ASSY #2 MS6001 GE MS60000/ MS6001B (FRAME 6)				
053	60001666	2	SHIM STRAP EA	BINTULU POWER STATION	
	Material part no.: 213B1324P001 Manufacturer :				
	ML 1502, FIG. 8/DG. 103E8481G002 BEARING ASSY #2 MS6001 GE MS60000/ MS6001B (FRAME 6)				
054	60001667	2	SHIM, HSG-BEARING #2 EA	BINTULU POWER STATION	
	Material part no.: 213B1323P001 Manufacturer :				
	ML 1502, FIG. 9/DG. 103E8481G002 BEARING ASSY #2 MS6001 GE MS60000/ MS6001B (FRAME 6)				

Item No	Material Number	Quantity	Description Unit	Plant	Price
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055	60001669	2	SHIM, HSG-BEARING #2 EA	BINTULU POWER STATION	
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Material part no.: 213B1323P002
 Manufacturer :

ML 1502, FIG. 10/DG. 103E8481G002
 BEARING ASSY #2 MS6001
 GE MS60000/ MS6001B (FRAME 6)

056	60000242	1	PUMP & MOTOR DC LO EA	BINTULU POWER STATION	
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Material part no.: 197B8548G125
 Manufacturer :

057	29804493	128	GEAR EA	BINTULU POWER STATION	
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Material part no.: 184A9773P006
 Manufacturer :

BLADE ASM VARIABLE

Exemption on Import Duty

1. SEB power stations are now eligible to be exempted from Import Duty for importation of machinery, equipment and spare parts for their own use.
2. The exemption is not automatic and needs to be applied on a case-to-case basis.
3. The quoted prices shall be based on the delivery term of DAP (Delivered at Place, Incoterms 2010) to site.
4. Goods must be consigned to the purchasing company of SEB (either SESCO, SPC or MPG) with the appropriate address.
5. When shipping documents (commercial invoice and packing list) are available, the contractor shall assist the application by filling in all necessary information as required in Appendix I (for goods imported from foreign country) or Appendix II (for local manufactured goods) and send the shipping documents and appropriate Appendix to SEB. Appendix I and Appendix II shall be provided by SEB.
6. SEB will submit the application for exemption to MOF, prior to the arrival of goods at port.
7. SEB will inform the contractor regarding the status of application.
8. Upon receipt from MOF, SEB will send the approval letter or acknowledgement letter (accompanied by Bank Guarantee) to the Contractor who will then proceed to clear the goods from Customs and send to Site.
9. If the application process needs to be abandoned due to any unforeseen circumstance, the contractor

Item No	Material Number Quantity	Description Unit	Plant	Price
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shall, upon instruction from SEB, proceed to clear the goods from Customs by paying the applicable Duties and Tax on behalf of SEB and the amounts incurred are to be billed at cost. The contractor shall then deliver the goods to site.

10. Letter of appointment will be given by SEB to the contractor or his shipping agent for custom clearing purpose on his behalf.

11. As the process of application for exemption needs to be completed before the goods arrive at port, timely preparation and submission of Appendix and shipping documents by the contractor is crucial.

12. For the purpose of Tax Exemption during Customs clearance, the Contractor shall engage one of the SESCO appointed forwarding agencies registered with Malaysian Customs as listed below:-

- a. AIR-MARINE FREIGHT SERVICES SDN BHD
- b. R.T. CARGO SDN BHD
- c. STA CARGO LOGISTICS SDN BHD
- d. SARCARGO AGENCIES SDN BHD
- e. INTERCARGO SDN BHD / INTERCARGO SHIPPING SDN BHD
- f. SYARIKAT BUMICHUNG FORWARDING AGENCY
- d. SJN AGENCY SHIPPING & FORWARDING SDN BHD
- e. HARBOUR SERVICES SDN BHD

Total Amount carry forward to **FORM OF TENDER.**