SEPARATE QUOTATIONS REQUIRED FOR ATTACHED 06 X IT SPECIFICATIONS

<u>IT NO : IT/49/01/2024-25</u>

1 -:	System	Portable diesel generat	ors for electric supply to ship.	
2	Make/ Origin	Cummins/ Caterpillar/ equivalent.		
3.	Item Description	Portable diesel generator on portable trolley with sound proof canopy/ casing.		
4.	Technical	02 x KASHMIR Class	MPVs	Contraction of the second second
	Specs (if any)	Load requirements	210 kW average (for 01x MPV)	250 kW Max (for 01x MPV)
		Frequency	50 Hz	50 Hz
		04 x HINGOL Class MI	PVs	In the second
		Load requirements	90 X kW average (for 01 x MPV)	110 kW Max(for 01x MPV)
		Frequency	50 Hz	50 Hz
C.		 (2). 24/7 Hour b. Rental DGs will shifting/ movement of D East Wharf Berths), KS be arranged by firm at o formalities. c. Contract for pow upto 2 years or more build d. DGs and panels noise) and meet all sat safety standards. 	s per month for PMSS KOLAC s per month for PMSS BASOL, have portable trolley mounte OGs within KPT premises (that &EW, SAPT as and when requ own expenses. HQ PMSA will of the supply will be done for period that not exceeding 05 years with a will be in sound proof canopy fety conditions as applicable to the jetty or surrounding includ be borne by the firm.	DASHT, HINGOL & ZHOB d arrangement. Moreover t includes West Wharf and aired by HQ PMSA/ SS will only help in document work od of 01 x year extendable agreement of both parties. y (less than 70 decibels of by National & international
		in all weather condition conditions) g. Provision of dis standards will be firm's h. Maintenance and	operation of DGs will be the so	t & other severe weather akers as per international ole responsibility of the firm.
		j. Firm will deploy a	at its cost, well trained mechanic priodic service/ maintenance ar	o from time to time, on need of for rectifying any defects

9.	Validity	completed within period of 30 x days from the date of signing this co 01 x year (extendable to 5 years).	ontract.
8.	EDC/EDD	DGs installation work, sound proofing of DG noise and operation	phability to be
	to be quoted for	 24/7 Rental rate for PMSS KOLACHI/ KASHMIR (Operational time) 24/7 Rental rate for 6HT MPV (Operational time). 24/7 Rental rate for 6HT MPV (Standby time; only when ship is at 	Rent per day
7.	Rental Rates	d. Firm to provide documentary proof for providing services to organizations. 24/7 Rental rate for PMSS KOLACHI/ KASHMIR (Operational time)	
		c. Firm must be registered with PMSA.	
		 providing power to bigger organizations. b. The Rental services being provided by the contractor must be and no further sub-contracting of the services is permitted. 	self-owned
6.	Eligibilities	 w. In case of unscheduled/ prolonged maintenance of rental DG, firm alternate arrangement to ensure power supply to MPVs. In case ma period extends more than 24 hours, per day rent for each hour and/ or deducted by HQ PMSA till power supply is restored. a. Firm having own DG sets and having at least 02 years of explanation. 	n will make aintenance day will be
		 Cleaning of DGs and neat marking of fuel tanks will be sole resolution of firm. Firm will be responsible for cleaning and maintaining the occupies a well presentable situation at all times especially during VIP visits. Maintenance of canopies of rental DGs will be carried out timely 	icu aros i
	in the second	t. Entry permission of staff (maintainer/ operators of firm) and mate area will be facilitated by HQ PMSA.	the summer of
		s. DGs are to be in best health and new models (not less than 3 ye time of awarding contract. Any malfunction of DGs, fluctuation in DGs cable fault or damage to ship board systems will be repaired/ rectified to at their expense on priority.	voitagear
		r. 2 x Cable (one stand-by) of 3 core 40mm required for provision of each ship will be provided by firm. Rep of firm will visit ships prior parti- tender and make out the length of cable required for ships while they a in different conditions e.g alongside HINGOL Class MPVs, PNFT, PNS KASHMIR Class MPVs ships.	re berthed NASR or
		q. Firm would be liable to any loss or damage occurred to the ships mequipment due to power supply fluctuation.	é
		p. Firefighting equipment will be placed with each DG. More approximation of the provided by firm will be well conversant with the fit techniques. Any damage incurred due fire to DGs/ Ship will be the response of firm.	ponsibility
		n. Operators for non-stop operations of DGs and load man- changeover will be firm's responsibility. Any damage to Ship safety & sys operator watch keeping negligence will be firm's responsibility.	agement/ tems due
	1	m. Filtered diesel to the rental DGs will be provided by PMS. Contractor and Ships are to maintain a proper record of the same for a accounting purpose. (See S No 11)	A Ships. audit and
	1	the second second second with the set the firm	10.0
	+	PQA (Power Quality Analysis) certificate with installed DGs supplying supply to ship will be provided by firm	s before

 10. Acceptance Criteria (if any)
 As described in terms and conditions. Moreover, shortcomings/ anomalies highlighted by ship to HQ PMSA may be addressed by firm within 24 hours or else per day rent be deducted.

 11. Any other relevant information
 Firms are requested to submit 02 x separate commercial quote as follow: a. Rental Diesel Generators without Fuel (Diesel)

IT NO : IT/49/02/2024-25

IT SPECIFICATION FOR PROCUREMENT OF STED AND PORT MDEs REDUCTION GEARBOX LUBE OIL COOLERS- PMSS RAFAQAT& SABQAT

1	Parent Equipment	Main propulsion (Stbd & port)	
2.	Sub Equipment	Reduction gearbox (Stbd & port)	
3	Assembly Component	Lube oil coolers	
d	Make	ZF Germany/ ZF-750 BW	
5,	Model	2F-750 BW	
6.	City	04	
7.	Justification Le. PMS /Failure/ FWT etc	Stbd & port gearbox tube oil level observed decreasing during normal operation at sea and observed abnormal noise.	
8.	Work Required/Defect	procurement of Stbd & port_gearbox coolers	
9	Detailed scope of work	 Procurement of Stod & port MDEs Reduction gearbox coolers under under mentioned jobs. L. Removes from Stbd & port MDEs Reduction gearbox. R. Pressure test the coolers at 15 to 20 bar. Install new zinc anodes in lube oil coolers Install the new coolers with new O rings and gasket. V. Prove system leak free. V. All material, spares, tools, special equipment/ tools, accessories etc required for said work are to be arranged by the contractor. Vii. Any damage occurs during the course of removal and installation work will be done by firm without any liability/responsibility on part of the ship/PMSA Viii. Requirement of external services, if any will be responsibility of the firm without any liability on the part of ship. Ix. Prepart defective items are same hand over to SS. 	
10.	Technical specification	I. As per OEM manual	
.11.	Eligibility Criteria	The firm should visit onboard and carry out inspection to establish the extent of required work. The firm should have experience of the same kind of work. The firm should be NTN/GST registered.	
172	EDC	07 days	
113	Warranty	1 year after installation	
14	Acceptance Criteria	i. OEM certified material ii. Leakage free. iii. Satisfactory running trials at harbor and sea.	

<u>IT NO : IT/49/03/2024-25</u>

IT SPECS FOR ENGINE S.NO CAE 880787 - DEFENDER AIRCRAFT

S No		Description				
1.	Ship's Name	93 SQN				
2.	Parent Equipment	BN-2T Defender Aircraft				
3.	Sub Equipment	Allison 250-B17C	A STATE OF A	naine		
4.	Assembly	Self	raiboprop L	Ingine		
	Equipment	Gen				
5.	Make	Rolls Royce (USA	0			
3.	Model	Allison 250-B17C		Ingine (Part No 1	2029150)	
7.	Quantity	01	Turboprop E	ingine (Fait NO 2	(3030150)	
3.	Justification	and the second se			10	
		Major Overhaul ha				
Э.	Work Required/ Defect	Major Overhaul (per under mentio			furboprop Engine as	
	Work Required	a. Major Ove	rhaul (MoH)	of Engine and	components are to I enance Centre (AMC)	
	m trans-	11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	and the second s			
		Component E	Description	S No	Life consumed (Hrs)	
	ALC: NOT THE OWNER	Engine		CAE-880787	3424:20	
		Accessory Ge		CAG-80909	3424:20	
		Compressor				
		1 st Stage Whe	and the second se	KRL107756	3424:20	
	the state of the s	2-3 Stage Whe		KR109527	3424:20	
	the second second	4 Stage Wheel		E81792	3424:20	
		5 Stage Whee		KR108676 KR107431	3424:20	
		6 Stage Whee			3424:20	
		Impeller		KR111467	3424:20	
		Spur Adaptor		UG21782	3424:20	
		Tie Bolt		UG20418	3424:20	
		Turbine CAT80924				
		1 st Stage Whe	el	X614353	1715:20	
		2 nd Stage Whe		X622445	1715:20	
		3rd Stage Whe		X547317	3424:20	
		4 th Stage Whe	el	X548400	3424:20	
		Tie Bolt 2 nd Stage		NM88499	3424:20	
	m - series (2 nd Stage Diaphragm	Nozzle	MA228687		
		Over speed G	overnor	WF12014761	733:50	
		Prop Gear Box	(Due for Overha	ul	
		Combined Gov	vernor	Due for Overha	ul .	
		Fuel Control U	Init	Due for Overha		
		Fuel Pump	-	Due for Overha	ul	
		Fuel Nozzle		Due for Overha	ul	
		Bleed Valve		Due for Overha	ul	
		b. General Er	ngine			
		(1) Standard Work	cleaning of main build anti-icing v	kits/ accessorie alve, mountings/	engine modules detail inspection of a es including PC filte s, piping, turbine an cracks or breaking	

ALC: ALC: NOT	wirings.	
nation of	(b) Reassembling of engine (Include only)	e labor
1 1 100	(c) Test Cell Run (Include induction a test)	nd final
(2) New	(a) Main built kit	
Replacement Material	 (b) Final finish kit (include all consumal 100% replacement parts required to re-ass engine) (c) Fire Over Detector element Part No 47-450/190C-3M 	semble
c. Compress		
(1) Standard		helister.
Work	Disassembling, cleaning, NDT, d inspection and reassembly.	letailed
(2) Standard Replacement	Compressor 100% build kit: Impeller, Spur Gear Shaft and Coupling Adaptor	
(3) Standard Rework	Standard rework of Front Shroud, Rear Su Diffuser Vane, Diffuser Scroll, Compressor and Compressor Wheel coating.	pport, case
d. Accessory	Gear Box Module	1
(1) Standard		etailed
Work	inspection and reassembly.	ctaned
(2) Standard Replacement	Standard 100% Main build kit	
(3) Standard Rework	Standard rework of Gear Box Cover and H	osing
e. Turbine Me	odule	
(1) Standard Work	Disassembling, cleaning, NDT, d inspection and reassembly.	etailed
(2) Standard	(a) Turbine 100% build kit	
Replacement	(b) Stage 1 turbine wheel	
	(c) Stage 2 turbine wheel	
	(d) Stage 3 turbine wheel (e) Stage 4 turbine wheel CEB-1345 to complied alon replacement of 4 th Stage Nozzle with modification defender BN-27 offered	g with 3 rd and and a alori h kit for
	(f) Tie bolt (TP CEB 1319A R2)	
	(g) Stage 1 Nozzle Shield (TP CEB A 1	
	(h) Stage 1 and 2 Nozzle (TP CEB A 1212)	
	(j) Energy observing ring (TP CEB A 1214)	
(3) Standard	(a) PT inner and outer shaft	
Rework	(b) GP support	
	(c) PT support	
	(d) Sump cover (TP CEB 1342)	
	(e) Exhaust collector	
	(c) Landust conector	

10.	Technical specs (if any)	· net espis sels and control of the selection of the
11.	Eligibilities	a. All requisite, Documents i.e. Airworthiness Certificate, Certificate of Conformity along with detail of work accomplished on Engine duly signed and stamped would be required
		b. FAA/ EASA certification of the firm is to be provided
		 Itemized cost of MoH and overhauling of components (item wise) are to be quoted separately
		 Firms have to provide authorization letter of their principal firms and bank statement of last 01 year of their firm Firms must have at least 02 years' experience of
	- Alla	procurement/repair/overhaul of Aviation components/ spare parts. Experience certificate of Aviation related contracts by contracting agency in Pakistan is mandatory
		f. Firms need to include freight charges/ insurance for transportation of the engine
	CONTRACTOR STATE	 g. Firms need to get import/ export licenses from respective abroad firms/ agencies h. Engine must be cleared for service till its HMI/ MoH becomes
	A Sales & Ferry	due
		j. Firms need to provide assurance that the item shall be received from 93 PMSA SQN and will be transported to MRO for overhaul at their own responsibility. Same will also be delivered back at 93 PMSA SQN after requisite rectification at their responsibility
		k. In case of failure to meet acceptance criteria or defect during physical/ operational inspection of items, firm is liable to get the items replaced/ repaired on FoC basis in shortest possible time.
		I. During initial disassembling/ striping phase and final test cell running phase, 03 x PMSA reps are to be invited on-site for evaluation/ monitoring work extent/ material review and to monitor satisfactory performance (Final test run), respectively. During stay of PMSA reps, complete boarding/ lodging will be responsibility of firm (both visits)
		m. Offered quotes are to be firm and final. No adjustments against Foreign Exchange rate variations will be accommodated
		 n. Firm may quote Custom duties/ taxes (as applicable) for transportation of the engine. However, final decision for responsibility of customs (PMSA or supplier) will be finalized prior contract
		p. Any additional work required due to findings of Induction test cell run, inventory check, stripping of Engine or Inspection may not be undertaken until approved by HQ PMSA
		q. In case, cost of MOH increases beyond 60% of the total cost of overhauled engine, firm is bound to provide core exchange offer in lieu and offer suitable offer for Engine S No 880582 387
		r. Firm is bound to provide Inspection report after 12 weeks of receipt of engine and accordingly, ensure conduct of MRB
		s. The firm is to provide detailed MRB report covering details of Labor/ Man Hours along with itemized rework detail. This should be supported by financial estimation
12.	EDC	24 weeks after award of contract
13.	Warranty	At least 01 year or 500 Hrs (whichever is earlier)
14.	Acceptance Criteria	As per eligibilities mentioned at Para 9 and 11 above
15.	Growth Work	Growth work after Engine Tear Down and Inspection should be limited to 15% of the contracted value
16.	Any Other Relevant Information	a. Firms are requested to provide original quote of AMC (without price) along with their respective technical quote. Technical quote of firm will not be accepted without provisioning of AMC original quote
		b. Quotation from Rolls Royce MRO's (M250 Engines) namely M/s H & S, UK and M/s Standard Aero, Singapore will not be entertained

IT NO : IT/49/04/2024-25

IT SEPCIFICATION DESIGN, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF NET METERING BASED SOLAR PV SYSTEM FOR HQ PMSA BUILDING

S No	Description		
1.	Parent Equipment	Power generation and distribution	
2.	Sub Equipment	Power Supply	
3.	Assembly Component	Solar PV System Complete	
4.	Make	Pakistan/ China	
5.	Model	Solar PV System with branded equipment	
6.	Quantity	01 x Solar PV System with branded equipment	
7.	Justification i.e PMS/ Failure/ FWT etc		
8.	Work Required	Solar PV System to be installed by AEDB approved firms in accordance with AEDB approved bidding documents (Design, Supply, Installation, Testing, Commissioning, Operation and Maintenance of net metering based Solar PV System).	
9.	Technical Specification	Net Metering based Solar PV System as per following load capacity: i. 300 KW ii. 350 KW	
10.	Scope of Work (Salient)	 Following work is required to be undertaken for Design, Supply, Installation, Testing and Commissioning, of net metering based Solar PV System for HQ PMSA i.a.w T&C of contract agreement: Design, Supply, Installation, Testing and Commissioning on Net Metering Based PV System for HQ PMSA according to load. Bidders shall bear all cost associated with preparation and submission of their respective bids/ proposals without any liability for PMSA. Bidders to visit and examine the site of the project and obtain all information for preparing the bid and design installation without any liability to procuring agency. Bidders to evaluate requirement of any modification, replacement in exiting power generation and distribution system to meet solar system requirement. Procuring agency will permit to enter its premises and lands for the purpose of inspection and feasibility. Bidders to provide proposed construction schedule method of performing the project, list of sub-contractors and copy of PPIB certificate. The pre bid meeting if convened will be held at HC PMSA. 	

viii.	Solar PV module shall be of Tier-1 manufacturer as per latest Bloomberg New Energy France (BNEF).
ix.	The PV technology shall be half cut mono-PERC.
x.	Each module shall have IP 65 rated junction boxer which shall be dust and vermin proof having copper bus bar terminals.
xi.	EPDM rubber gasket, reverse blocking diodes and IEC standards 62790 to be complied.
xii.	The power rating for each PV module shall be more that 540 W/P under STC condition.
xiii.	The PC module must be tight tested based on IEC standards 61215.
xiv.	The PV module shall be SRO 604 issued by Go vt of Pakistan.
xv.	Each PV module shall have a unique barcode identification tag issued by the manufacturer.
xvi.	Inverter shall be 3 phase grid tied with minimum IP 65 protection having CEC efficiency not less than 98.5% and output frequency of 50 HZ.
xvii.	Under all conditions DC to AC ratio of the inverter shall not be more than 1.1 percent.
xviii.	The Operating temperature range of inverter shall be between -25 C to 60 C.
xix.	Inverter must have diesel generator synchronization module for seamless integration with generators and shore base supply.
xx.	Inverter shall have AC over current protection, residual current monitoring, DC reverse polarity protection, DC insulation resistance detection.
xxi.	Inverter shall have a built-in data logger, communication, interface protection and remote monitoring capabilities.
xxii.	Mounting structure shall be UV resistant lightweight aluminum/ fiber structure.
xxiii.	Spacing from parapet wall must be 3 feet.
xxiv.	The structure shall withstand wind speed of 150 KM/H.

XXV.	Complete civil work for mounting structure installation be carried out as per requirement.
xxvi.	For roof top areas with additional slabs, rawal bolts base anchoring shall be followed in combination with water proofing treatment.
xxvii,	Copper cables with purity of 99.9% or more with XLPO insulation and rated for 1500 V shall be used.
xxviii.	The minimum size for DC cables shall be 4mm ² .
xxix.	Under all conditions for DC cables, voltage drop shall be less than 0.5% at STC and for AC Cables voltage drop shall be less than 1% at STC.
XXX.	Separate DC and AC earthing with 3 Ohm shall be achieved.
xxxi.	Perforated cable trays of 16 gauge or thicker and UPVC pipes shall be installed.
xxxii.	Circuit, breakers, protection devices and non-isolated lighting arrestors shall be installed as required.
xxxiii.	MCB/MCCB circuit breaker shall be rated for more than 1.5 times than STC current rating.
xxxiv.	Energy generation, power production and level monitoring of voltage and current for monitoring and control system to be ensured.
XXXXV.	Net Metering application and installation of bidirectional meter as per regulation by NEPRA to be ensured.
xxxvi.	Civil Work w.r.t installation/ Framing of solar PV plates/ Batteries stowage and rigging of wiring/ cable to be carried out.
xxxvii.	Location for installation of solar plates and battery rooms will the identified by the HQ PMSA.
xxxviii	All accessories/ equipment i.e DC beaker, charge controller, AC breaker, inverters, bus bars and change over switches are to be installed i.a.w load.
xxxix.	All electric wires/ cables to be concealed to avoid from any damages/ deterioration.
xl.	Solar PV system is to be installed as net metering based system.

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1		xli. All parameters for monitoring of load and systems to be installed.
		xlii. All spares, tools, special equipment/ accessories etc required for installation for said work to be arranged by the firm.
		xliii. Any damage/ defect/ wear tear occur during the course of installation will be repaired/ met by the firm.
11.	Eligibility Criteria	i. Approved firms by AEDB.
		 The firm must visit on site for feasibilities/ inspection to establish the extent of required work.
	2. 1	 The firm not undertaking the visit on site to see extent of work will not technically qualify.
		iv. The firm must have sufficient experience of same kind of work with net metering based PV System.
		 Firm must fulfill all requirements/ conditions mentioned in AEDB approved Bidding Document (Design, Supply, Installation, Testing and Commissioning of net metering based Solar PV System).
-12.	EDC	45 x Days after awarding agreement/ contract.
13.	Warranty	 i. Each module shall have 12 years material and workman ship warranty and 25 years performance warranty. ii. Warranty shall be issued by the third party. iii. Inverter shall have minimum 10 Years of replacement warranty.
14.	Acceptance Criteria	i. Power Output of Solar as per design.
45		ii. Satisfactory performance a per end user.
15.	Maintenance	12 x Months Maintenance Period from commissioning.
16.	Performance Guarantee	Solar System shall have performance guarantee of 12 x Months from date of commissioning.
17.	Any other relevant information	For any information w.r.t Solar System installation. Lt Cdr Fahad Tahir PN (Cell No. 0319-2901565) will be POC.

<u>IT NO : IT/49/05/2024-25</u>

IT SPECIFICATION FOR REPLACEMENT OF SMD

S.No	Description	Remarks	
1.	System	SMD	
2.	Make	As per acceptance criteria	
3,	Model *	SMD (Latest)	
4.	Dimensions	1x wall of 10.6ft (Width) x 6.5ft	(Height)
5.	Technical	Pixel Pitch:	1.86mm GOB (Glue on Board)
	specification	Module Resolution:	W: 172*H : 86dots
		Module Size:	W320*H160mm
		Pixel Density:	266.256 dots/m ²
L.		Pixel configuration:	1R1G1B
		Min. Viewing Distance:	≥1.8m
		Brightness	≥ 500 cd/m²
		Viewing angle H≥:	160° V≥140°
		Driving Mode:	1/16 scan
		Lifespan	≥100,000 hours or 10 years (whichever comes later)
		Video frame rate:	. 60 frames/s
e		Operating Temperature:	-20°C~+60°C
		Operating Humidity:	10-80% no condensation
		Prior to acceptance a functional be provided to PMSA for evalua	demonstration of the propose SMD will tion and satisfaction
1	Eligibilities	Have relevant experience on SI	MDs.
	Warranty	10 year replacement warranty.	
3.	Acceptance Criteria (if any)	 a. Satisfactory test/ trials after installation onboard b. Relevant diagrams/ documents to be provided c. Relevant specifications as'per IT d. Proposal for 3x variants (latest) 	
9.	EDC	(Immediate) 02 weeks after awa	to valkore
0.	Any other relevant information	SS may be contacted for any further query/ requirement.	

IT NO : IT/49/06/2024-25

S.No	Description	Remarks	
17	System	SMD	
12	Make	As per acceptance criteria	
130	Model	- SMD (Latest)	
14	Dimensions	1x-wall of 16ft (Width) x 07ft (H	leight)
15	Technical	Pixel Pitch:	1.86mm GOB (Glue on Board)
	specification	Module Resolution:	W: 172*H : 86dots
		Module Size:	W320*H160mm
		Pixel Density:	266.256 dots/m ²
C		Pixel configuration:	1R1G1B
		Min. Viewing Distance:	≥1.8m
		Brightness	≥ 500 cd/m²
		Viewing angle H≳:	160° V≥140°
		Driving Mode:	1/16 scan
		Lifespan	≥100,000 hours or 10 years (whichever comes later)
~		Video frame rate:	. 60 frames/s
0		Operating Temperature:	-20°C~+60°C
		Operating Humidity:	10-80% no condensation
		Prior to acceptance a functional be provided to PMSA for evaluation	I demonstration of the propose SMD will ation and satisfaction
6	Eligibilities	Have relevant experience on SMDs.	
7.	Warranty	10 year replacement warranty.	

	18.	Acceptance Criteria (if any)	 a. Satisfactory test/ trials after installation onboard b. Relevant diagrams/ documents to be provided c. Relevant specifications as per IT d. Proposal for 3x variants (latest) 		
-	19.	EDC	(Immediate) 02 weeks after award of contract		
	20.	Any other relevant information	SS may be contacted for any further query/ requirement.		

Note: 100% Payment after completion by CNA

Director General

Pakistan Maritime Security Agency Plot No 34-A, Dockyard Road KARACHI Telephone 021-48509194 Fax 99214625 E-Mail <u>dpcc@pmsa.gov.pk</u>

INVITATION TO TENDER GENERAL INSTRUCTIONS

1. <u>CONDITIONS GOVERNING CONTRACT:</u>

All Procurement / Repairs / Maintenance Contract, Local Purchase Order (LPO) and work ordered made as aresult of this IT shall mean the agreement entered into between the parties that is buyer and the supplier will be in accordance with the PPRA rules 2004 or any amendment issued from time to time. Therefore all open tender inquiry will be uploaded on PPRA Website and publish on print media as the case may be.

2. <u>SUMBISSION OF TENDER:</u>

Firms shall submit their offers in two separate envelopes clearly marked as "**Commercial Offer**" and "**Technical Offer**" for open tender. Both envelops shall be properly sealed bearing the signature of the bidder. Thereafter both these envelopes shall be placed in one bigger envelope. This envelope should bearthe address of the D (P&CC).

a. **TECHNICAL OFFER:** Should contain all relevant details and specifications as per the IT specifications. Literature / Brochure or any other relevant technical details may also be included in it. Technical offer should not contain the price. Indication of price in technical offer may render it null and void. The word "Technical Offer" should be clearly mentioned alongwith the tender No anddate on the envelop containing the technical offer.

b. **COMMERCIAL OFFER:** The price be quoted in figures as well as in words alongwith essential Literature / Brochures. The word "Commercial Offer", tender number should be clearly mentioned on the envelope. Taxes, duties, freight / transportation, insurance charges etc if any areto be indicated separately. Total price of the items quoted against the tender is to be clearly mentioned. It should also contains a **pay order 2% in the shape of pay order of the offered value** as earnest money. Cross cheque or cash is not acceptable in this case. The offer received without earnest money will be rejected.

c. **SPECIAL INSTRUCTIONS:** Tender documents and its conditions may please be read point to point and understood properly before quoting. All tender conditions should be responded properly. In case of any deviation due to non-acceptance of tender conditions, the same should be highlighted alongwith changed offer / conditions. Tender may however be liable to be rejected.

PREPARATION OF QUOTATION

Please prepare quotation in this format In case of GST @ 18% or SST @ 15%:

<u>S.NO</u>	Description	<u>Unit Price</u>	<u>Qty</u>	<u>Total</u>	GST @ 18% or SST @ 15%.	<u>T/Price</u>

Please prepare quotation in this format In case of without GST or SST:

S.NO	Description	Unit Price	<u>Qty</u>	<u>Total</u>	T/Price

Without this format quotation will not be accepted.

3. DATE AND TIME FOR RECEIPT OF TENDER:

Tender must be dropped in tender Box placed at main gate. HQ PMSA will not accept any excuse of delay occurring due to whatsoever reason. Tender received after the time indicated in IT will not be entertained. The tender opening time, however, fall on next working day in case of closed / forced holiday or any other unforeseen event. Only authorized representatives of firm will be allowed to

attend tender opening. The tender received through Fax, E-Mail will not be acceptable.

4. <u>TENDER OPENING:</u>

Technical offer will be opened as per scope of work on the date and time mentioned in the tender. Commercial offer shall be retained with technical officer. It will be opened at a later stage. All technical offers will be scrutinized by a Technical Scrutiny Report (TSR) committee nominated by HQ PMSA. The offers which are not as per the IT specification will be rejected. The firms recommended by TSR Committee will be allowed to attend the commercial opening for which date and time will be intimated separately.

5. VALIDITY OFFER:

The validity period of quotations must be indicated and should invariably be for 90 days extendable to 30 days from the date of opening of Technical offer.

6. <u>QUOTING OF RATES:</u>

Unit price of the item, GST/ SST or any other Govt tax and Total price all these should be indicated separately in Pak Rupees in a very clear manner as follows:

S No Description Qty U/Price GST/SST/Taxes Total Price

7. ATL/ GST/ SST/ INCOME TAX NUMBER:

Only registered suppliers, who are on Active Taxpayers List (ATL) of FBR, are eligible to supply goods/ services to Government department. GST/SST and income tax number be clearly indicated on the quotations and all other relevant documents.

8. <u>RETURN OF EARNEST MONEY:</u>

a. Earnest money to the unsuccessful bidders will be returned **one week** after commercialopening date.

b. Earnest money to the firm who has won the purchase order/ work order & contract will bereturned on submission of Bank Guarantee as per the contract.

9. <u>TENDER FEE:</u>

Each technical offer must be accompanied with Cash of **Rs.5,000**/- nonrefundable as tender fee (In favour of IT Sale Account DG PMSA).

10. INSPECTION AUTHORITY:

Joint inspection of stores provided and work done will be carried out by committee appointed by HQ PMSA or as per the contract.

11. CONDITION OF STORES:

Spares, Stores, items and work done will be accepted on Warranty / Guarantee of the firm onForm DPL-15.

12. DOCUMENTS REQUIRED:

Following documents are required to be submitted alongwith the quotes where applicable:

- a. OEM / Authorized Dealer/Agent Certificate alongwith OEM Dealership Evidence as applicable.
- b. The Supplier is to provide OEM conformance certificate. In case of Fax or e-mail hard copy of conformance certificate must follow. On receipt of this PMSA HQ may approach the OEM to confirm the veracity of the documents submitted. Companies / firms rendering false OEM conformance certificate will be penalized as per rules in vogue.

13. <u>SECURITY DEPOSIT / BANK GUARANTEE:</u>

To ensure timely and correct supply of stores the firm will furnish an unconditional Bank Guarantee (BG) from a schedule bank for an amount of 10% of the contract value (excluding taxes, duties / freight handling charges on a stamp paper of the value of (Rs.100/00) as per prescribed format in the shape of Bank Guarantee. Format of Bank Guarantee is at Annex "B".

14. CURRENT BANK STATEMENT:

For all contracts of Rs 1,000,000/- or more the firm is required to submit current bank statement of the firm.

15. INTEGRITY PACT:

Procurement exceeding Rs 1.00 M shall be subject to an integrity pact, between the Buyer and the Suppliers or Contractors.

16. CORRESPONDENCE:

All correspondence will be addressed to the Buyer. Correspondence with regard to payment or issue of delivery receipt may be addressed to D (P & CC) PMSA Karachi.

17. PRE SHIPMENT INSPECTION:

PMSA may send a team of Officers for the inspection of Major Equipment and Machinery items at OEM premises for inspection before dispatch if required at the Supplier's cost and arrangement.

18. AMENDMENT IN CONTRACT:

Contract may be amended / modified to include fresh clause modify the existing clauses with the mutual agreements by the Supplier and the Buyer such modifications shall form an integral part of the contract.

19. DISCREPANCY:

The Buyer will render a discrepancy report to all concerned within 45 days after receipt of stores for discrepancies found in the consignment. The quantities found short are to be made good by the Supplier free of cost.

20. PRICE VARIATION:

Price offered against IT are to be firm and final.

21. LIQUIDATED DAMAGES (LD):

Liquidated Damages upto 2% per month are liable to be imposed on the Suppliers by the Buyer in accordance with PPRA rules, if the stores supplied after the expiry of the delivery date without any valid reason. Total value of the LD shall not exceed 10% of the contract value.

22. <u>RISK PURCHASE:</u>

In the event of failure on the part of Supplier to comply with the contractual obligations the contract will becancelled at the Risk and Expense of the Supplier in accordance with PPRA rules.

23. <u>PENALTY:</u>

In case of wrong supply of the item by the Supplier, a penalty of 10% of the contract value may beimposed by this HQ PMSA apart from any other penalties.

24. ALL RIGHTS RESERVED:

HQ PMSA may reject all bids or proposals at any time prior to the acceptance of a bid or proposal as per PPRA Rule 33(I).

25. <u>PAYMENT:</u>

The payment will be released through Controller of Naval Accounts (CNA) Karachi in Pak Rupees after completion of delivery / work.

26. **PARTIAL ORDER**. All participating firms are to comply acceptance of partial order.

27. **DISOUALIFICATION:** Offers are liable to be rejected if:-

- a. Received after time and date specified in the IT.
- b. Offers are found conditional or incomplete in any respect.

c. There is any deviation from the General / Special / Technical Instructions contained in thistender.

d. Taxes and duties, Freight / Transpiration and Insurance charges not indicated separately asper required price breakdown mentioned above.

- e. Pay Order with Commercial Offer and Cash with Technical Offer is not received.
- f. Multiple rates quoted against one item.

g. Manufacture's relevant Brochures and technical details on major equipment, assemblies arenot attached in support of specification.

- h. Offers (Technical / Commercial) are containing amendments / corrections / overwriting etc.
- j. National Tax No (NTN) and GST/SST No are not indicated on technical and commercial offer.
- k. If validity of offer is not quoted as required in IT or made subject to confirmation late.