

**PAKISTAN AERONAUTICAL COMPLEX, KAMRA
MIRAGE REBUILD FACTORY**

TENDER NOTICE : OPEN TENDER

Tender reference	:	MRF/Log/25-26/OT-10
Tender No	:	OT-10
Publishing date	:	06 March, 2026
Last date of submission of bids	:	27 March, 2026 (1000 Hrs)
Opening date & Time	:	27 March, 2026 (1100 Hrs)

1. Sealed tenders for purchase / repair of items as per enclosed list are invited from sales tax registered Suppliers who are on Active Taxpayers List (ATL) of FBR.

Pattern of Quotations

2. The quotation shall comprise a single package containing 02 separate envelopes. Tender reference along with due date of opening and Category Number must be clearly marked. Each envelope shall contain separately, the Financial proposal and the Technical proposal respectively. Each bid (financial / technical) will be on separate leaf against single line item, envelope cover must be marked with "Item name". **Quotations with multiple line items on single page will be dropped. Quotations should be on original letter head (color printed).** The quotations shall be addressed to Managing Director MRF, PAC Kamra as per terms given below:-

(a) **Technical Offer:** It should be without prices and contain all relevant essential specifications along with literature / brochures. Tender number, date of submission, date of opening and word (**Technical offer**) should be clearly marked. The tendered Part No should be mentioned against quoted item / offer. Any details of equivalent / variables being quoted should be clearly mentioned against Part No being tendered. **NSN / OEM Part No** should be mentioned on both technical and commercial quotations. All quoted products must have traceable local / foreign OEM. **Country / Place of Manufacture / OEM** of stores is to be provided along with Technical / Commercial offer. **Certificate of Conformance** (where applicable), **Technical Data Sheet (TDS)** and **Material Safety Data Sheet (MSDS)** along with any other relevant literature by OEM are must for all Aviation Items, Chemicals, Material and Equipment. All precision measuring equipment must be quoted with provisioning of fresh **Calibration Certificate**. Spectrometric analysis report against raw material / hardware items may be required to establish conformity of delivered product. All Chemicals, lubricants and any item of shelf life (**remaining life not less than 75 % at time of delivery**) range must be quoted with provisioning of **MSDS** along with fresh **Laboratory Test Reports** against corresponding LOT No, Batch No, Date of Production, Date of Expiry of delivered stores. **Part Catalogues, IPBs (Illustrated Part Breakdown), User Guides, Operating / Maintenance Manuals, Brochures, Prices** which ever available / applicable would be provided free of cost along with delivered stores. **Unit of issue** must be same as mentioned in tender notice. Confirmation to this effect is to be furnished by written certificate along with quotation. License keys, activation / access passwords and source codes are to be provided along with all software whether purchased individually or as a part of any system/equipment or machinery.

(b) **Financial Offer:** It should indicate price of quoted item (**to be delivered at MRF, Kamra premises with all liabilities on Suppliers**) and confirmation to the terms and condition of MRF tender inquiry. The words "**Financial Offer**" should be clearly marked. The Quoted prices are to be exclusive of GST levied by the Government and these should be in accordance with the current Local market prices. GST must be mentioned separately. All other charges must be incorporated in offered price. Rates must be mentioned in both "**words**" and "**figures**". Following documents must accompany financial offer:-

- (i) Proof of being on **active taxpayers list**
- (ii) Sales tax registration certificate

- (iii) NTN certificate
- (iv) Professional Tax certificate of the province where the contract is being concluded as per MAG letter No 54/AT/S/1687-Vol-XXVII/P-29 dated 22 April, 2013 and Taxation department Punjab letter No SO (TAX) 1-33/77 (P-IV) date 28 August, 2003.
- (v) Any specific SRO / Tax exemptions if applicable must be notified along with commercial offer.

(c) **Bid Money / Earnest Money:** The **unregistered firms with PACB** (Pakistan Aeronautical Complex Board, Kamra) will have to furnish **earnest money @ 5%** of the quoted value through **Bank Draft / CDR** in favor of **Public Fund Account MRF PAC, Kamra**. The earnest money instrument should indicate Tender reference and firm/company name. In case where the exact Quantity has not been mentioned the earnest money should be calculated against MOQ / market available standard OEM packaging. The exact bid money in this scenario will have to be furnished within 01 week of intimation of being technically accepted, lowest financial bidder. The confirm purchase order will be furnished upon receipt of earnest money. Earnest money of bidders backing out of submitted quote or failing to provide in time delivery will be forfeited along with initiation of disciplinary actions.

Quantity

3. Quantity can be increased / decreased at the time of order as per MRF requirement without change of financial quotations. Bids once submitted will not be allowed to be changed and will be binding on suppliers for delivery of stores if purchase order is furnished, however, clarifications may be sought.

Offer requirement / validity

- 4. The quotation should be valid if it contains under mentioned information.
 - (a) Quote Validity should be minimum **90 days** and extendable on request. Quotations with less validity will be rejected.
 - (b) EDD must be available on Commercial Quote. Quotation will not be accepted without delivery period.
 - (c) Picture and TDS must be available with technical quote.
 - (d) Separate quote for every single line item.
 - (e) Mentioning of date on commercial / technical quotes is mandatory.
 - (f) Terms & Conditions should be mentioned on commercial / technical quotes.

Delivery Period

5. **Items are to be delivered at MRF, PAC KAMRA premises with all liabilities on Suppliers.** Stores are required within minimum possible delivery period. Offer with minimum delivery period are likely to be preferred. However, the delivery period should be factual as no subsequent extension will be granted except under extreme / un-avoidable circumstances. **Delivery period will invariably start from furnishing of written (provisional / firm) purchase order whichever is earlier.** Delivered stores must be in **standard packing** (free of any separate cost). Delivery of items shall be strictly made as per timeline mentioned in purchase order. In case of failure, MRF reserves the right to cancel any PO.

6. Acceptance of Stores / General Terms & Conditions

- (a) **Certificate of Conformance, TDS and MSDS** by OEM is must for all aviation items, Materials and Equipment.
- (b) All precision measuring equipment must accompany fresh **Calibration Certificate either from OEM or any certified credible facility.**
- (c) All Chemicals, lubricants and any item of shelf-life (**remaining life not less than 75 % at time of delivery**) range must accompany **MSDS** along with fresh **laboratory test reports** against

corresponding LOT number, Batch number, date of production, date of expiry of delivered stores.

- (d) In case of life items, the remaining shelf life must be at least **75 %** at the time of delivery.
- (e) Stores will be accepted after inspection by concerned user / Quality Control **Directorate as per QMS of MRF.**
- (f) Supplier will be made responsible for **warranty / guarantee** of newly purchased items **at least one year or maximum possible.** In case of rejection of item on receipt or any defect / anomaly found within warranty period whether before use or while in use, the supplier will provide free of cost repair / replacement (which applicable) at MRF Kamra premises bearing all liabilities.
- (g) All repair works / services will **INVARIABLY** be under at least **06 months warranty**, unless contracted otherwise and depends upon case-to-case basis.
- (h) **Part Catalogues, IPBs (Illustrated Part Breakdown), User Guides, Operating / Maintenance Manuals, Brochures, Prices** which ever available / applicable would invariably be provided **free of cost** along with delivered stores.
- (j) Items should be current year's production.
- (k) Supplier will retain record of all products delivered to MRF karma, for at least 03 years.
- (l) MRF reserves the right to visit / inspect any premises of supply chain against required / offered products.
- (m) The supplier will be responsible for in time payment of all applicable taxes and duties to relevant agencies as per in vogue GOP regulations. The supplier must be able to furnish / produce such record as and when demanded by MRF.
- (n) Any item being tendered if obsolete / discontinued by OEM may please be communicated along with said certification by OEM. Suitable replacements / substitutes / interchangeable may also be communicated along with complete technical / operational details.
- (p) All quotations/ bids, correspondence and clarifications / queries must be on company letter head duly signed by authorized signatory authority. Active contact / correspondence details (phone no. mobile no. email & postal address must be mentioned).
- (q) All quotations, bids, clarifications, queries, correspondence and product will be kept strictly confidential.

Release of Payment

7. Payment will be released by Dte of Budget and Accounts, MRF PAC, Kamra on submission of Sales Tax invoice along with copies of GST registration, NTN certificate and Professional Tax certificate. Sales Tax Return against previous transactions (if any) during current financial year and copy of relevant SRO (if applicable) will also be required. All payments are to be received after successful acceptance of delivered stores by user and upon furnishing of requisite documentation. After receipt of payment, supplier is to furnish monthly sales tax return declaration along with Annexure "C" (DOMESTIC SALES INVOICE DETAIL) duly depicting invoice number against which payment has been received from MRF, Kamra. Specified amount of GST and Income tax will be withheld/ deducted at source as per GOP instructions in vogue. Any exemption in this regard will only be entertained upon furnishing of FBR issued EXEMPTION certificate in name of Firm / Company against specified item.

Terms and Conditions

8. The terms and conditions mentioned in this document will be integral part of any purchase order furnished against this tender, whether or not mentioned again.

Clarifications of Queries

9. Queries if any may be cleared by contacting **051-90994414, 90994727.**

Rejection

10. Offers are liable to be rejected if:
- (a) There is a deviation from any instruction.
 - (b) Offers are found conditional or incomplete in any respect.
 - (c) Overwriting / erasing in prices.
 - (d) Firm **BLACKLISTED / UNDER EMBARGO / DELISTED** by any **Government Organization**.
 - (e) Any terms and conditions not in conformity with tendered terms and conditions.

Delivery of Tender

11. **Each quotation (financial / technical) shall be on separate leaf against single line item.** Both the envelopes of **Technical and Commercial** offers should be enclosed in one cover properly sealed, **envelope cover must be marked with "Item name"** and bear the following address of Indigenous Provisioning office, MRF with tender **Inquiry number and opening date.**

Officer In charge Indigenous Provisioning
Mirage Rebuild Factory,
Pakistan Aeronautical Complex, Kamra
District Attock

Opening of Tender

12. The quotations must be in original and are to reach at this factory by **1000 Hrs** on **27 March, 2026**. All quotations are to be dropped in the tender box placed at the MRF Guard Room. No quotation will be accepted in photocopy, through Fax and after due date and time. Tender will be opened on **same day at 1100 Hrs** in the presence of witnessing officers and available representatives of the firms in Officer In charge Indigenous Provisioning. MRF reserve the right to cancel or reject any or all bids / proposals against complete tender or any part thereof, at any time without any liability. In case of official holiday, the Tender will be opened on next working day.

13. List of items can also be downloaded from PPRA website www.ppra.org.pk and as well as PACB website www.pac.org.pk free of cost or can be collected from Dte of Log (Local Purchase Section) MRF PAC Kamra Distt Attock from **09 Mar, 2026** during working hours (except holidays).

Yours Sincerely,

(XXXXXXXXXXXXp)
Squadron Leader
for Managing Director
MRF, PAC Kamra

MRF QUALITY SYSTEM REQUIREMENTS

Following are the requirements to be satisfied by the Supplier (External Provider) / Sub-Contractor (Local Vendor) of MRF:-

1. The processes, products, and services to be provided including the identification of relevant technical data (e.g., specifications, drawings, process requirements, work instructions).
2. The approval of products and services, methods, processes, equipment, and the release of products and services.
3. Provide inspection and testing criteria for acceptance by MRF.
4. Obtain approval from MRF of changes in product / process.
5. Provide Objective evidence of the quality of product.
6. To ensure product conformance to specified requirements.
7. To provide manufacturing date and Lot number.
8. To provide shelf life and expiry date as applicable
9. Competence, including any required qualification of persons.
10. The external providers' interactions with the organization.
11. Control and monitoring of the external providers' performance to be applied by the organization.
12. Verification or validation activities that the organization, or its customer, intends to perform at the external providers' premises.
13. Supplier (External providers) apply appropriate controls to their direct and sub-tier Suppliers (external providers), to ensure that requirements are met.
14. Design and development control.
15. Special requirements, critical items, or key characteristics.
16. Test, inspection, and verification (including production process verification).
17. The use of statistical techniques for product acceptance and related instructions for acceptance by the organization.
18. To provide Material / Metallurgical test reports along with raw material for traceability through Lot / Batch No. External Provider will also provide date of manufacture of provided Lot / Batch No of raw material.
19. The need to:
 - (a) Implement a Quality Management System.
 - (b) Use customer-designated or approved external providers, including process sources (e.g., special processes).
 - (c) Notify the organization of nonconforming processes, products, or services and obtain approval for their disposition.
 - (d) Prevent the use of counterfeit parts.
 - (e) Notify the organization of changes to processes, products, or services, including changes of their external providers or location of manufacture, and obtain the organization's approval.
 - (f) Flow down to external providers applicable requirements including customer requirements.
 - (g) Provide test specimens for design approval, inspection/verification, investigation, or auditing.
 - (h) Retain records (documented information), including retention periods and disposition requirements.
20. Ensuring that persons are aware of:
 - (a) Their contribution to product or service conformity.
 - (b) Their contribution to product safety.
 - (c) The importance of ethical behavior.

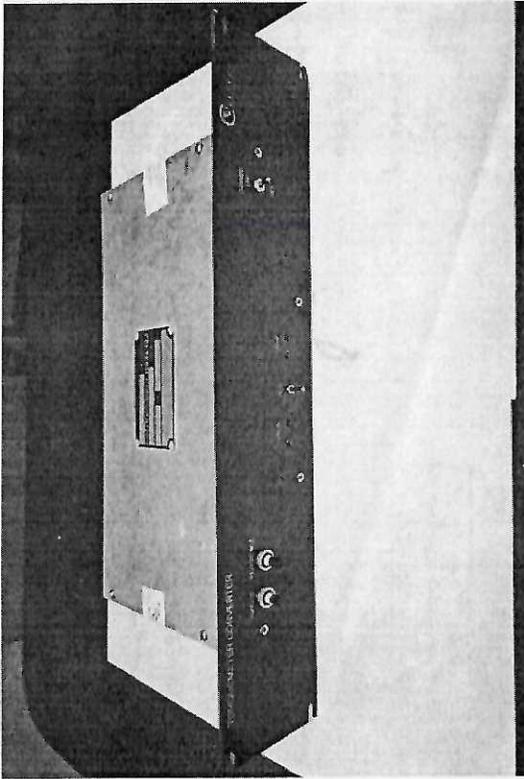
MRF/Log/2025-26/OT-10 Date of Publishing 06 Mar, 2026 Last Date of Bids Submission 27 March, 2026

S No	Part No	Noun	U/I	Qty	Shop	Remarks / Specifications
1	20-13	Blind Torque Meter Assy	Ea	1	T56 Test Cell	As per attached list
2	23003629	Safety Coupling Internal Helical Spline Gauge	Ea	1	T56 Eng Quality	Manufacturer: USA (OEM) Cage Code: 73342 NSN: 5210-01-130-4395
3	23003630	Safety Coupling Inner Member External Helical Spline Gauge	Ea	1	T56 Eng Quality	Manufacturer: USA (OEM) Cage Code: 73342 NSN: 5220-01-131-6051
4	EPOS-1	Electropneum Atic Positioner	Ea	1	HT Shop J69 O/H Project	As per attached list
5	VOLTALEF3AB1KG	Lubricant Oil Weapons	Can	10	Inst I	As per sample
6	71A/9424905	H-P Argon Am/6.80m3 Cyl	Nm3	As Req	Warehouse Tech	Part No : 71A/9424905 Noun : H-P Argon Am/6.80m3 Cyl
7	WM00	Moment Weighing Machine	Ea	1	TFE731 Assy/Disassy	As per attached list
8	71A/9424903	Gas Acetylene 98%	Nm3	As Req	Warehouse Tech	Part No : 71A/9424903 Noun : Gas Acetylene 98%
9	6798783	Fix Holding Coupling Inner & Intermediate Member	Ea	1	T56 Eng Quality	Manufacturer : USA (OEM) Cage Code : 73342 NSN : 5220-00-068-3852
10	6798782	Tracer Safety Coupling Helical Tooth	Ea	1	T56 Eng Quality	Manufacturer : USA (OEM) Cage Code : 73342 NSN : 5220-00-069-0084
11	P-870	Red Varnish	Can	02	Atar Engine	Pack Size : Bottle of 30 ML Shelf Life : 02 Years
12	P-243	Liquid Developer For Pnetrant Insp	Ltr	10	Atar Engine	Pack Size : Bottle of 01 Ltr Shelf Life : 04 Years
13	BONDERITEM-CR12005KG	Coating Compound Oxide Black	Can	200	Paint And Pickling Shop	As per sample
14	MIL-L-23699	Tn 600 Type 5 Mm2/S (Centistoke Synthetic Oil)	Qt	300	T56 Test Cell	Part No : MIL-L-PRF-23699G Noun : Synthetic Oil type 5 Mm2/S (Centistoke)

15	DC-1200	Premier Adhesive	Btl	4	F-100	As per sample
16	A-A-3097	Adhesive	Btl	3	F-100	As per sample
17	CERAL34	Coating Aluminum	Btl	1	F-100	As per sample
18	MIL-PRF-6081	Lubricant Oil	Ea	15	F-100	As per sample
19	V-622	Sealing Compound	Btl	5	F-100	As per sample
20	METCO204G	Intermediate Coat Powder	Lbs	1	F-100	As per sample
21	3G2840V00951	Main Probe	Ea	1	AW-139	As per sample
22	PARTITION-CURTAIN	White Curtain MM37730X5900	Ea	10	Paint And Pickling Shop	As per sample
23	1607KR2100	Diffuser Filter	RI	8	Paint And Pickling Shop	As per sample EA Roll Contains 40 Filter
24	HCSK-001	Shoe Cleaning Machine	Ea	1	T56 Engine O/H Wing	Standard Shoes cleaning machine
25	CB-1/CB-2	Cleaning Booth	Ea	1	Accy Wing F100	As per attached list
26	PWA50013	Test Station Fuel	Ea	1	F100 Mechanical Accessories	As per attached list
27	199-05-152TYPE1CLASS1	Rbr Adhesive (C227)	Kit	2	Composite Repair Shop (PAF Project)	Part No : 199-05-152TYPE1CLASS1 Noun : Rbr Adhesive (C227)
28	7647-14-5	Salt Tablets	kg	1500	Boiler Shop	As per attached list
29	E7763-112-01-EU	Cylinder And Valve Assemblies 368 Ltr	Ea	1	T56 Test Cell	As per attached list (a, b & c)
30	5805/PK25600001	Ups 10kva Branded	Ea	1	Dte Of IT MRF	As per attached list
31	23080-1903	Brush For Starter Generator	Ea	36	Electric II	Part No : 23080-1903 Noun : Brush For Starter Generator

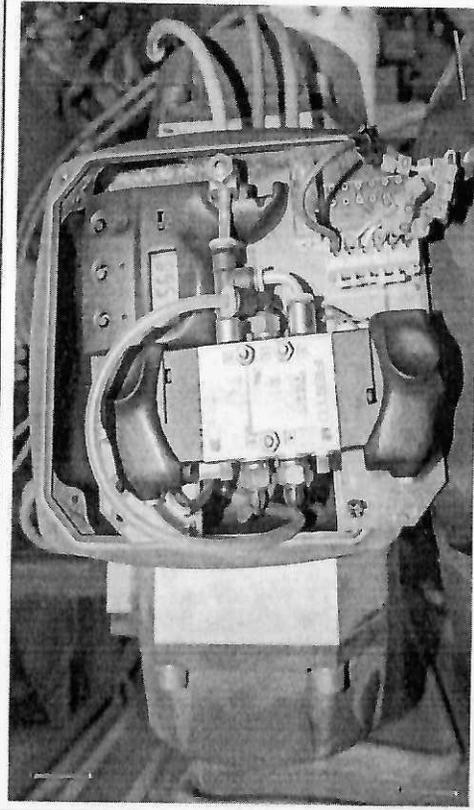
32	12-N-3000-176-1-5-21-R11NX	Thermocouple (N) Type	Ea	12	HT Shop J69 O/H Project	As per user Requirement
33	E7763-105-01-EU	Cylinder And Valve Assembly	Ea	1	T56 Test Cell	As per attached list (a, b & c)
34	12-K-3000-176-15-21-R100KX	Thermocouple (K) Type	Ea	12	HT Shop J69 O/H Project	As per sample
35	71A/9424905	Gas Argon	M3	As Req	Warehouse Tech	Part No : 71A/9424905 Noun : Gas Argon
36	71A9424905A	Gas Argon Liquid	M3	As Req	Warehouse Tech	Part No : 71A9424905A Noun : Gas Argon Liquid
37	71A/9424143	Oxy Breathing	M3	As Req	Warehouse Tech	Part No : 71A/9424143 Noun : Oxy Breathing
38	71A/9424914	Oxy Welding (Ind)	M3	As Req	Warehouse Tech	Part No : 71A/9424914 Noun : Oxy Welding (Ind)
39	71A/9424143A	Oxy Breathing (Med)	M3	As Req	Warehouse Tech	Part No : 71A/9424143A Noun : Oxy Breathing (Med)
40	71A/9424913	Nitrogen	M3	As Req	Warehouse Tech	Part No : 71A/9424913 Noun : Nitrogen
41	71A/NIV-L-14	Nitrogen Liquid	M3	As Req	Warehouse Tech	Part No : 71A/NIV-L-14 Noun : Nitrogen Liquid
42	71A/NIV-L-12	Hydrogen	M3	As Req	Warehouse Tech	Part No : 71A/NIV-L-12 Noun : Hydrogen
43	71A/9424903	Gas Acetylene	M3	As Req	Warehouse Tech	Part No : 71A/9424903 Noun : Gas Acetylene
44	-	Washing Contract	-	-	CLUES MRF	
45	-	Tailoring Contract	-	-	CLUES MRF	
46	-	Cobbler Contract	-	-	CLUES MRF	

S No 01 Specifications of Blind Torque Meter Assy



S No 04 Specifications of Electropneum Atic Positioner

FESTO Valve Sample



BLIND TORQUE METER
ASSEMBLY

PN	20-13	SER	201001004
STOCK NO.	CELTECH CORPORATION		
CONTRACT NO.	FG-824613		
CAGE NO.	65552		

7 Specifications of Moment Weighing Machine

TY	SCOPE OF WORK
1.	Moment Weight Machine / Computer hard disk is required to be repaired/ replaced as S/A.

S No 25 Specifications of Cleaning Booth



CLEANING BOOTH Model: CB-1/CB-2 Application: part cleaning or wipe / air blow or dust off before painting process How CB-1 & CB-2 works It is designed for cleaning a plastic parts especially before painting process for better quality and reduce NG parts. Work of Cleaning booth (No.3). The application is absorb an air blow from the fan through...

S No 26 Specifications of Test Station Fuel

SCOPE OF WORK
(i) Required temperature is not achieved during testing. (ii) Temperature relay to trip the Test Stand is not working properly. (iii) Abnormal noise observed from chiller compressor during testing.

S No 28 Specifications of Salt Tablets

Specification	Salt tablets
Noun	: Sodium chloride
Chemical Noun	: NaCl
Chemical Formula	: 7647-14-5
Part No	: 99.9% pure
Percentage	: Minimum 02 years
Shelf life	

S No 29 (a) Specifications of Cylinder And Valve Assemblies 368 Ltr

SCOPE OF WORK
CYLINDER AND VALVE ASSEMBLIES 368 LTR five year inspection (FM200 pressure and cylinder weight check to be carried out after five year through civil vender)

9 (b) Specifications of Cylinder And Valve Assemblies 368 Ltr

Kidde Fire Protection

GX-20/FM-200
PLUS EXTINGUISHING SYSTEM



GX20/FM-200 is a clean agent fire suppression system that protects high-value assets from fire and the effects of fire-fighting, allowing normal operations to be resumed quickly with no collateral damage and clean-up costs. Kidde Fire Protection is at the forefront of new technologies in fire safety, offering a range of state-of-the-art fire extinguishing systems.

Benefits:

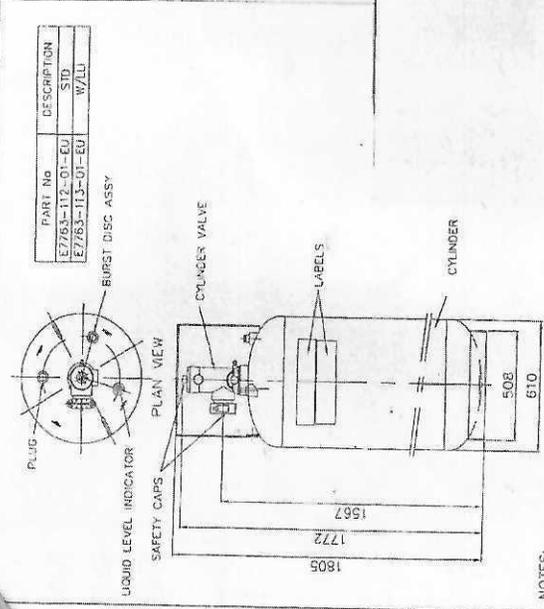
- Fast and effective against a wide range of Class A, B and electrical fires.
- Safe for occupied areas.
- Non-corrosive and electrically non-conductive.
- No residue, no clean-up required.
- Environmentally acceptable.
- 25 ltr system.
- Ergonomics and pre-engineered system design.
- Simple system with easy operation.
- Low installation and maintenance costs.
- Computer design minimizes effectiveness of system.
- Full global and ULCE approved.

Other features include:

- 25 ltr system.
- Ergonomics and pre-engineered system design.
- Simple system with easy operation.
- Low installation and maintenance costs.
- Computer design minimizes effectiveness of system.
- Full global and ULCE approved.

...of the world's fire protection companies and is the most widely used clean agent fire suppression system in thousands of systems installed across the globe.

S No 29 (c) Specifications of Cylinder And Valve Assemblies 368 Ltr



PART No	DESCRIPTION
E/763-112-01-EU	STD
E/763-113-01-EU	W/LL

PLUG
LIQUID LEVEL INDICATOR
SAFETY CAPS
CYLINDER VALVE
LABELS
CYLINDER

1805
1772
1567
508
610

NOTES:
THE SAFETY CAP MUST BE INSTALLED ON THE VALVE OUTLET AT ALL TIMES EXCEPT WHEN THE CYLINDERS ARE CONNECTED TO THE SYSTEM PIPING OR ARE BEING FILLED. THE SAFETY CAP MUST NOT BE REMOVED FROM ITS CHAIN.

MATERIAL:
VALVE BODY: BRASS
CYLINDER: STEEL, PAINTED RED

APPROXIMATE WEIGHT: 22.5kg (50 lbs)

ALL DIMENSIONS IN mm, unless otherwise stated.

Kidde Fire Protection
New York, Pa, USA
London, UK
Singapore, Singapore

GX20 SYSTEMS

PART NO: E/763-112-01-EU & 113-01-EU

S No 30 Specifications of Ups 10kva Branded

TECHNICAL SPECIFICATIONS OF UPS KVA WITH EXTERNAL BATTERY BANK AND CABINET

UPS 10 KVA	
Brand	Well reputed
Rated Power	10 KVA
Wave Type	Pure sine wave
UPS Type	Online
Emergency Power Off	Yes
Features	Double conversion, Line conditioner, AVR and Surge protection
Primary battery bank	Built in
Backup time	30 Minutes
Mounting mode	Rack mount with included kit
Accessories	All related
Warranty	OEM Standard
Installation and commissioning	Yes
EXTERNAL BATTERY BANK	
Battery type	Lead acid maintenance free batteries
No of battery banks	02
No of batteries in battery bank	32 X 12 Ah
Mounting type	Rack mount with included kit
Warranty	OEM Standard
Accessories	All related
Installation and commissioning	Yes
Cabinet	27 U required

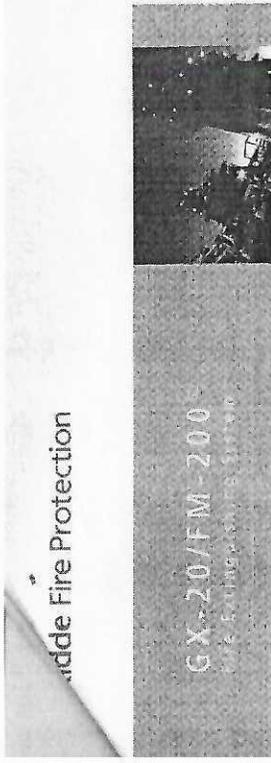
2020/07/25

S No 33 (a) Specifications of Cylinder And Valve Assembly

SCOPE OF WORK

CYLINDER AND VALVE ASSEMBLIES
 51 LTR five year inspection (FM200 pressure and cylinder weight check to be carried out after five year through civil vender)

3 (b) Specifications of Cylinder And Valve Assembly



GX20/FM-200 is a clean agent fire suppression system that protects high-value assets from fire and the effects of fire-fighting, allowing normal operations to be resumed quickly with no collateral damage and clean-up costs. Kidde Fire Protection is at the forefront of new technologies in fire safety, offering a range of state-of-the-art fire extinguishing systems.

- Benefits**
- Fast and effective against a wide range of Class A, B and electrical fires
 - Safe for occupied areas
 - Non-corrosive and electrically non-conductive
 - No post-discharge residue
 - High top discharge velocity
 - Environmentally acceptable
 - 25 bar system
 - Engineered and fire engineered systems available
 - Range of system release caps and nozzles
 - Low installation and maintenance costs
 - Compliant design (transverse, vertical, horizontal)
 - High efficiency of system
 - The Global and LPS approved
 - Approved for use with UL listed components
- Key Features**
- High top discharge velocity
 - Environmentally acceptable
 - 25 bar system
 - Engineered and fire engineered systems available
 - Range of system release caps and nozzles
 - Low installation and maintenance costs
 - Compliant design (transverse, vertical, horizontal)
 - High efficiency of system
 - The Global and LPS approved
 - Approved for use with UL listed components



S No 33 (c) Specifications of Cylinder And Valve Assembly

PART NUMBER	CYL SIZE	DIMENSIONS			APPROX WEIGHT
		A	B	C	
E7763-101-01-EU	5 LTR	190	340	440	11 KG
E7763-102-01-EU	8 LTR	190	535	535	15 KG
E7763-103-01-EU	16 LTR	230	569	569	19 KG
E7763-104-01-EU	28 LTR	230	885	985	28 KG

NOTES:

1. THE SAFETY CAP MUST BE INSTALLED ON THE VALVE OUTLET AT ALL TIMES EXCEPT WHEN THE CYLINDERS ARE CONNECTED TO THE SYSTEM PIPING OR ARE BEING FILLED. THE SAFETY CAP MUST NOT BE REMOVED FROM ITS CHAIN.
2. APPROXIMATE WEIGHTS DO NOT INCLUDE TRANSPORT CAP.
3. π MARKED IN ACCORDANCE WITH 99/36/EC (TPED)

MATERIAL:
 VALVE BODY: BRASS
 CYLINDER: STEEL PAINTED RED

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED

Kidde Fire Protection
 Theme Park Road,
 Oxted, Surrey, GU9 7JF, UK

GX20 SYSTEMS