

**DETAILS OF THE MACHINE**

| Name of Machine                            | Specification   | A/U                               | Qty  |  |                               |        |                       |  |   |         |                              |                 |  |         |                             |                |                               |                |                            |                |  |                        |   |                        |     |          |         |                    |    |                |                               |  |                   |  |                   |  |    |             |
|--|---|-----------------------------------|--|--|-------------------------------|--------|-----------------------|--|---|---------|------------------------------|-----------------|--|---------|-----------------------------|----------------|-------------------------------|----------------|----------------------------|----------------|--|------------------------|---|------------------------|-----|----------|---------|--------------------|----|----------------|-------------------------------|--|-------------------|--|-------------------|--|----|-------------|
| (a)  | (b)   | (c)                               | (d)  |  |                               |        |                       |  |   |         |                              |                 |  |         |                             |                |                               |                |                            |                |  |                        |   |                        |     |          |         |                    |    |                |                               |  |                   |  |                   |  |    |             |
| Hydraulic Barrel Testing Machine           | <p>Hydraulic Barrel Testing Machine with all standard and additional accessories as per specification below :</p> <table border="1" data-bbox="264 434 1340 846"> <tr> <td rowspan="7">1. <b>Technical Specification</b></td> <td>a. Structure / Supply scope/Main Unit</td> <td>High pressure generating station for producing pressure up to 1,00,000 psi (minimum)</td> </tr> <tr> <td>b. Pressure Generating Medium</td> <td>Water.</td> </tr> <tr> <td>c. Main pressure pump</td> <td>Air drive/ Hydro-pneumatic / To be mentioned</td> </tr> <tr> <td>e. Sensors/gauges for outlet/inlet pressure indicator</td> <td>Digital</td> </tr> <tr> <td>f. Air pressure (if require)</td> <td>To be mentioned</td> </tr> <tr> <td>g. All major components such as pump itself/valve/gauges/sensors must be</td> <td>Group A</td> </tr> </table> <table border="1" data-bbox="264 846 1340 1025"> <tr> <td>2. <b>Country of origin</b></td> <td><b>Group A</b></td> </tr> <tr> <td>3. <b>Country of Assembly</b></td> <td><b>Group A</b></td> </tr> <tr> <td>4. <b>Port of Shipment</b></td> <td><b>Group A</b></td> </tr> <tr> <td>5. <b>Name of Manufacturer and Address</b></td> <td><b>To be mentioned</b></td> </tr> <tr> <td>6. <b>Name of Principal and Address</b></td> <td><b>To be mentioned</b></td> </tr> </table> <p>7. <b>Conditions :</b></p> <p>a. All standard, special attachments and accessories must be supplied and mentioned their prices separately.</p> <p>b. The machine/system/equipment must be capable to test pressure sustainment of cylindrical and conical shaped barrel/shell having both ends open and one-end open and one-end close.</p> <p>c. List of spare parts required for five (05) years operation to be submitted with price with the financial offer.</p> <p>d. All optional items with price to be mentioned in the financial offer which will be certified by the manufacturer of the machine.</p> <p>e. <b>Foreign Training</b> : Machine operation, maintenance/servicing Training to be done for minimum 05 working days at manufacturer's site. Supplier must submit foreign training plan along with the offer.</p> <p>f. <b>Local Training</b> : Machine installation, commissioning, trial run and operation with maintenance training is to be provided by the machine manufacturer at user site. The duration of training should be at least 07 working days or as per requirement to be mentioned by the manufacturer. <b>Following information must be given as under :</b></p> <table border="1" data-bbox="379 1599 1315 1727"> <thead> <tr> <th>Ser</th> <th>Training</th> <th>Details</th> <th>Supplier's Opinion</th> </tr> </thead> <tbody> <tr> <td rowspan="3">a.</td> <td rowspan="3">Local Training</td> <td>Trainer Type (Local/ Foreign)</td> <td></td> </tr> <tr> <td>Number of Trainer</td> <td></td> </tr> <tr> <td>Training Schedule</td> <td></td> </tr> </tbody> </table> <p>g. Supplier must submit Local training plan along with the offer.</p> <p>h. 2 x Maintenance / repair manual with mechanical spare parts list along with Circuit diagram and troubleshooting in English must be supplied with the machine (both hard and softcopy).</p> <p>j. 1 x Operation / programming manual (Hard and Soft copy) in English must be supplied with the machine.</p> <p>k. Must supply a video of the operation of the equipment /system.</p> <p>l. Must supply book describing details of working principle of the equipment/ system.</p> <p>m. Bidder should submit original Leaflet / Brochure with the offer.</p> | 1. <b>Technical Specification</b> | a. Structure / Supply scope/Main Unit  | High pressure generating station for producing pressure up to 1,00,000 psi (minimum) | b. Pressure Generating Medium | Water. | c. Main pressure pump | Air drive/ Hydro-pneumatic / To be mentioned | e. Sensors/gauges for outlet/inlet pressure indicator | Digital | f. Air pressure (if require) | To be mentioned | g. All major components such as pump itself/valve/gauges/sensors must be | Group A | 2. <b>Country of origin</b> | <b>Group A</b> | 3. <b>Country of Assembly</b> | <b>Group A</b> | 4. <b>Port of Shipment</b> | <b>Group A</b> | 5. <b>Name of Manufacturer and Address</b> | <b>To be mentioned</b> | 6. <b>Name of Principal and Address</b> | <b>To be mentioned</b> | Ser | Training | Details | Supplier's Opinion | a. | Local Training | Trainer Type (Local/ Foreign) |  | Number of Trainer |  | Training Schedule |  | No | 01<br>(One) |
| 1. <b>Technical Specification</b>          | a. Structure / Supply scope/Main Unit   |                                   | High pressure generating station for producing pressure up to 1,00,000 psi (minimum) |  |                               |        |                       |  |   |         |                              |                 |  |         |                             |                |                               |                |                            |                |  |                        |   |                        |     |          |         |                    |    |                |                               |  |                   |  |                   |  |    |             |
|  | b. Pressure Generating Medium   |                                   | Water.   |  |                               |        |                       |  |   |         |                              |                 |  |         |                             |                |                               |                |                            |                |  |                        |   |                        |     |          |         |                    |    |                |                               |  |                   |  |                   |  |    |             |
|  | c. Main pressure pump   |                                   | Air drive/ Hydro-pneumatic / To be mentioned   |  |                               |        |                       |  |   |         |                              |                 |  |         |                             |                |                               |                |                            |                |  |                        |   |                        |     |          |         |                    |    |                |                               |  |                   |  |                   |  |    |             |
|  | e. Sensors/gauges for outlet/inlet pressure indicator   |                                   | Digital  |  |                               |        |                       |  |   |         |                              |                 |  |         |                             |                |                               |                |                            |                |  |                        |   |                        |     |          |         |                    |    |                |                               |  |                   |  |                   |  |    |             |
|  | f. Air pressure (if require)  |                                   | To be mentioned  |  |                               |        |                       |  |   |         |                              |                 |  |         |                             |                |                               |                |                            |                |  |                        |   |                        |     |          |         |                    |    |                |                               |  |                   |  |                   |  |    |             |
|  | g. All major components such as pump itself/valve/gauges/sensors must be  |                                   | Group A  |  |                               |        |                       |  |   |         |                              |                 |  |         |                             |                |                               |                |                            |                |  |                        |   |                        |     |          |         |                    |    |                |                               |  |                   |  |                   |  |    |             |
|  | 2. <b>Country of origin</b>   | <b>Group A</b>                    |  |  |                               |        |                       |  |   |         |                              |                 |  |         |                             |                |                               |                |                            |                |  |                        |   |                        |     |          |         |                    |    |                |                               |  |                   |  |                   |  |    |             |
| 3. <b>Country of Assembly</b>              | <b>Group A</b>  |                                   |  |  |                               |        |                       |  |   |         |                              |                 |  |         |                             |                |                               |                |                            |                |  |                        |   |                        |     |          |         |                    |    |                |                               |  |                   |  |                   |  |    |             |
| 4. <b>Port of Shipment</b>                 | <b>Group A</b>  |                                   |  |  |                               |        |                       |  |   |         |                              |                 |  |         |                             |                |                               |                |                            |                |  |                        |   |                        |     |          |         |                    |    |                |                               |  |                   |  |                   |  |    |             |
| 5. <b>Name of Manufacturer and Address</b> | <b>To be mentioned</b>  |                                   |  |  |                               |        |                       |  |   |         |                              |                 |  |         |                             |                |                               |                |                            |                |  |                        |   |                        |     |          |         |                    |    |                |                               |  |                   |  |                   |  |    |             |
| 6. <b>Name of Principal and Address</b>    | <b>To be mentioned</b>  |                                   |  |  |                               |        |                       |  |   |         |                              |                 |  |         |                             |                |                               |                |                            |                |  |                        |   |                        |     |          |         |                    |    |                |                               |  |                   |  |                   |  |    |             |
| Ser  | Training  | Details                           | Supplier's Opinion   |  |                               |        |                       |  |   |         |                              |                 |  |         |                             |                |                               |                |                            |                |  |                        |   |                        |     |          |         |                    |    |                |                               |  |                   |  |                   |  |    |             |
| a.   | Local Training  | Trainer Type (Local/ Foreign)     |  |  |                               |        |                       |  |   |         |                              |                 |  |         |                             |                |                               |                |                            |                |  |                        |   |                        |     |          |         |                    |    |                |                               |  |                   |  |                   |  |    |             |
|  |   | Number of Trainer                 |  |  |                               |        |                       |  |   |         |                              |                 |  |         |                             |                |                               |                |                            |                |  |                        |   |                        |     |          |         |                    |    |                |                               |  |                   |  |                   |  |    |             |
|  |   | Training Schedule                 |  |  |                               |        |                       |  |   |         |                              |                 |  |         |                             |                |                               |                |                            |                |  |                        |   |                        |     |          |         |                    |    |                |                               |  |                   |  |                   |  |    |             |

RESTRICTED

| (a) | (b)   | (c) | (d)  |    |  |    |  |    |  |    |   |  |  |
|-----|---|-----|--|----|--|----|--|----|--|----|---|--|--|
|     | <table border="1" style="width: 100%;"> <tr> <td style="width: 5%;">n.</td> <td>The service support with spares for 10 years to be provided by the manufacturer after warranty period is over.</td> </tr> <tr> <td>p.</td> <td>Any other points/attachment/equipment necessary to perform the job smoothly, should be mentioned in the offer.</td> </tr> <tr> <td>q.</td> <td>The system/equipment must be manufactured in the year of contract.</td> </tr> <tr> <td>r.</td> <td>Warranty for 01(one) year after acceptance should be provided by the manufacturer.</td> </tr> <tr> <td>s.</td> <td>Tender / payment system: Local/Foreign.</td> </tr> </table> | n.  | The service support with spares for 10 years to be provided by the manufacturer after warranty period is over. | p. | Any other points/attachment/equipment necessary to perform the job smoothly, should be mentioned in the offer. | q. | The system/equipment must be manufactured in the year of contract. | r. | Warranty for 01(one) year after acceptance should be provided by the manufacturer. | s. | Tender / payment system: Local/Foreign. |  |  |
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| s.  | Tender / payment system: Local/Foreign.   |     |  |    |  |    |  |    |  |    |   |  |  |

**Terms & Conditions**

Supplier must mention their compliance on the following mentioned points :

1. A principal/manufacturer can submit **only one offer through one local agent** for any individual item. Offers through multiple local agents by same principle/manufacturer will be **treated as rejected**.
2. To ensure unhindered LC handling the principal must provide a certificate to confirm that their LC operating bank has RMA (Relationship Management Agreement) with the local Banks of Bangladesh.
3. Supplier must **clearly mention** (in the technical offer) that as principal/manufacturer they poses necessary **export permit** from the concern ministry or any other authority of their country. They must also submit a certificate in this regards as per the attached specimen format at Annex F.

4. **Payment and PG Submission**

**For Foreign Currency**

- i. 80% and 20% payment system.
- ii. Before signing the contract, Performance Guarantee @ 10% of total LC value is to be submitted by the Principal in favour of Commandant, Bangladesh Ordnance Factories, Gazipur Cantonment, Gazipur through any scheduled Bank located in Bangladesh (As per the format at Annex D).
- iii. A separate **certificate should be provided** by the principal **originally signed** (Computerized or digitally edited signature will not be accepted) stating that they are aware of the requirement of the PG and if the contract is awarded they will be bound to provide the PG as per the format at Annex E.

**For Local Currency**

- i. 100% payment will be made upon final acceptance of the machine.
- ii. 05% PS (Performance Security) as pay-order has to deposit in local currency before signing the contract.

7. On arrival of the stores at BOF, the supplier must complete installation, commissioning, trial run & trial production within 01( one) month (from the date of entry at BOF). Otherwise, penalty will be imposed at the rate of 2% but not less than 1% and will not exceed 10% of the total CFR/LC vale (As applicable).

8. If the supplier fails to deliver the stores within the stipulated period, the followings will be applicable:

- a. Cancel the contract and/or,
- b. Decision at the discretion of BOF.

9. Inspectorate is the authority in all matters pertaining to Inspection. Any verdict by the inspectors regarding rejection, acceptance, and /or deviation of machine involving price reduction will be treated as final and will not be subject to arbitration.

10. The Supplier must submit the following **attested documents** with the schedule :

- a. Trade License   b. Tin Certificate   c. Up to date VAT Registration certificate.**