

HAJ COMMITTEE OF INDIA

(Statutory body of Ministry of Minority Affairs)

Bait-ul-Hujjaj (Haj House), 7-A, M.R.A. Marg (Palton Road), Mumbai-400 001.

Ref. No.HC-03/139/2014/ 7340

Date: 09.10.2020.

Corrigendum - III

Sub: **Tender Notice “For Overhauling, Up-gradation and Modifications of Fire Fighting System installed in the basement of Haj House Building.**

Tender Ref. No.: HCOI/2019/7082 dated 24.08.2020.

Corrigendum Ref. No.: HC-03/139/2014/7184 dated 08.09.2020.

With reference to Tender Id: 2020_HAJCI_579093_1 dated 24.08.2020 “For Overhauling, Up gradation and Modifications to Fire Fighting System in Haj House Building” installed in the basement of Haj Committee of India.

The following modifications in the Tender Notice are hereby notified consequent to the conduct of pre-bid meeting held on 05.10.2020 at 15:00 hrs at Haj House:-

- i. The Bills of Quantity (BOQ) and drawing of Fire Fighting Pump location alongwith positive section near water tank located in the basement of Haj House Building (copy attached).
- ii. As such the last date & time for submission of online tender is extended till 26.10.2020 (Monday) at 17:00 hrs. and the tender opening date is scheduled for 28.10.2020 (Wednesday) at 15:00 hrs



[Handwritten Signature]
Dy. Chief Executive Officer (Admin)
Haj Committee of India
Mumbai

ITEM RATE BOQ FOR FIRE FIGHTING SYSTEM AT HAJ HOUSE

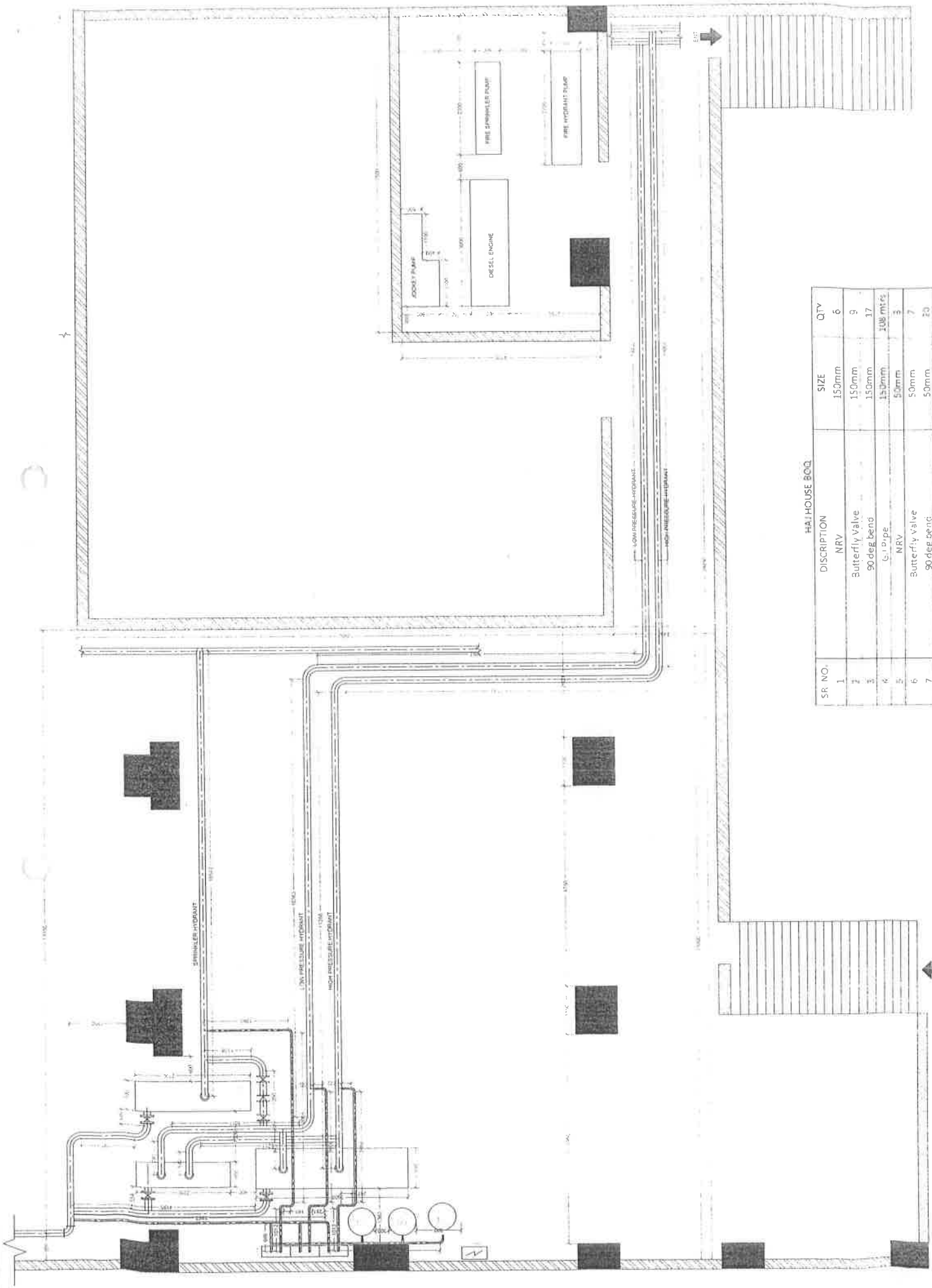
| Sr No. | Particulars | QTY | UNIT | UNIT RATE | Total Rate | GST AMOUNT | TOTAL RATE WITH GST |
|----------|---|-----|------|-----------|------------|------------|---------------------|
| 1 | DIESEL ENGINE DRIVEN PUMP OVERHAULING AND COMMISSIONING AT NEW LOCATION. | | | | | | |
| 1.1 | Dismantling diesel engine pump, leaving engine as it is for the Haj Committee's disposal as scrap and taking pump for Overhauling. | 1 | Lot. | | | | |
| 1.2 | Overhauling of existing engine driven pump Model HBD 5" x 6" -3 stage. This pump has to be converted to a multistage multioutlet pump as at and by for both Sprinkler / Hydrant Low Pressure and Hydrant High Pressure application. The pump after overhauling should be a multistage multioutlet pump having first outlet after 3 stage and second outlet after 4 stages. The capacity of the pump after overhauling will be 2850 LPM at 70 Mtrs. Low pressure and 100 Mtrs. High Pressure. Following components will require to be replaced : | | | | | | |
| 1.2.1 | Bearing Power End SKF 3312 | 1 | No. | | | | |
| 1.2.2 | Bearing Free End SKF 6309 | 1 | No. | | | | |
| 1.2.3 | Gland Packing | 1 | Lot. | | | | |
| 1.2.4 | Bronze Impellers | 4 | No. | | | | |
| 1.2.5 | Discharge Housing | 1 | No. | | | | |
| 1.2.6 | Diffuser | 1 | No. | | | | |
| 1.2.7 | Stage Casing | 1 | No. | | | | |
| 1.2.8 | Bronze Long Distance Piece | 1 | No. | | | | |
| 1.2.9 | SS 304 Shaft | 1 | No. | | | | |
| 1.2.10 | MS Fabricated Baseplate with Foundations bolts | 1 | No. | | | | |
| 1.2.11 | Flexible Coupling with Coupling Guard | 1 | No. | | | | |
| 1.2.12 | Diesel Engine Greaves make Model 4G11T developing 112BHP at 1800RPM suitable for continuous fire duty operation 12V start equivalent KOEL make Engine having the same horsepower and RPM will also be accepted. | 1 | No. | | | | |
| 1.2.13 | Fuel tank of suitable capacity for continuous 8 hours operation of Diesel Engine. | 1 | No. | | | | |
| 1.2.14 | Suitable Battery with Leads | 1 | No. | | | | |
| 1.2.15 | Battery Charger with trickle charge | 1 | No. | | | | |
| 1.2.16 | Rates for overhauling and retrofitting the pump on new baseplate with new engine and fitting the same back again at site as a complete set at new location finalized by HAJ Committee. Tenderers are requested to visit site and survey the area of the new location. Indicative Drawing enclosed herewith : | | | | | | |

| Sr No. | Particulars | QTY | UNIT | UNIT RATE | Total Rate | GST AMOUNT | TOTAL RATE WITH GST |
|----------|---|-----|------|-----------|------------|------------|---------------------|
| 2 | <u>MOTOR DRIVEN SPRINKLER PUMP OVERHAULING AND COMMISSIONING AT NEW LOCATION.</u> | | | | | | |
| 2.1 | Dismantling existing motor driven Sprinkler Pump, leaving motor as it is for the Haj committee's disposal as scrap and taking pump for Overhauling. | 1 | Lot. | | | | |
| 2.2. | Overhauling of existing motor driven multistage Sprinkler pump Model HBD 5" x 6" -3 stage. The capacity of the pump after overhauling will be 2850 LPM at 70 Mtrs. Head. Following components will require to be replaced : | | | | | | |
| 2.2.1 | Bearing Power End SKF 3312 | 1 | No. | | | | |
| 2.2.2 | Bearing Free End SKF 6309 | 1 | No. | | | | |
| 2.2.3 | Gland Packing | 1 | Lot. | | | | |
| 2.2.4 | Bronze Impellers | 3 | No. | | | | |
| 2.2.5 | 75HP 1450RPM 415 volts 50 cycles AC 3 Phase TEFC Motor in IP 55 Enclosure having Class F insulation. Motor should be of Siemens / ABB / Bharat Bijlee make only. | 1 | No. | | | | |
| 2.2.6 | MS Fabricated Baseplate with Foundations bolts | 1 | No. | | | | |
| 2.2.7 | Flexible Coupling with Coupling Guard | 1 | No. | | | | |
| 2.2.8 | Rates for overhauling and retrofitting the pump on new baseplate with new Motor and fitting the same back again at site as a complete set at new location finalized by HAJ Committee. Tenderers are requested to visit site and survey the area of the new location. Indicative Drawing enclosed herewith : | 1 | Lot. | | | | |
| 3 | <u>MOTOR DRIVEN HYDRANT PUMP OVERHAULING AND COMMISSIONING AT NEW LOCATION.</u> | | | | | | |
| 3.1 | Dismantling existing motor driven Hydrant Pump, leaving motor as it is for the Haj committee's disposal as scrap and taking pump for Overhauling. | | | | | | |
| 3.2 | Overhauling of existing motor driven multistage Hydrant pump Model HBD 5" x 6" - 1st outlet -3 stage, 2nd outlet -4 stages. The capacity of the pump after overhauling will be 2850 LPM at 70 Mtrs. Low Pressure and 10 Mtrs. High Pressure Head. Following components will require to be replaced : | | | | | | |
| 3.2.1 | Bearing Power End SKF 3312 | 1 | No. | | | | |
| 3.2.2 | Bearing Free End SKF 6309 | 1 | No. | | | | |
| 3.2.3 | Gland Packing | 4 | Lot. | | | | |
| 3.2.4 | Bronze Impellers | | | | | | |
| 3.2.5 | 100HP 1450RPM 415 volts 50 cycles AC 3 Phase TEFC Motor in IP 55 Enclosure having Class F insulation. Motor should be of Siemens / ABB / Bharat Bijlee make only. | 1 | No. | | | | |

| Sr No. | Particulars | QTY | UNIT | UNIT RATE | Total Rate | GST AMOUNT | TOTAL RATE WITH GST |
|----------|--|-----|------|-----------|------------|------------|---------------------|
| 3.2.6 | MS Fabricated Baseplate with Foundations bolts | 1 | No. | | | | |
| 3.2.7 | Flexible Coupling with Coupling Guard | 1 | No. | | | | |
| 3.2.8 | Rates for overhauling and retrofitting the pump on new baseplate with new Motor and fitting the same back again at site as a complete set at new location finalized by HAJ Committee. Tenderers are requested to visit site and survey the area of the new location. Indicative Drawing enclosed herewith : | | | | | | |
| 4 | JOCKEY PUMPS | | | | | | |
| 4 | Supply, Installation, Testing and Commissioning of Vertical Inline Stainless steel Jockey Pumps having Cast Iron Suction & Discharge Casing and Motor Stool. Wet End should be in complete stainless steel. The pump should be driven by suitable capacity of vertical flange electric motor. | | | | | | |
| 4.1 | Vertical Inline Jockey Pump for Sprinkler and Low Pressure Hydrant - capacity - 180 LPM at 70 Mtrs. Head. Driven by 4Kw (5.5HP), 2900RPM Vertical Flange Motor. Make of Pump and Motor should be either HBD / KSB / Grundfos. | 2 | Nos. | | | | |
| 4.2 | Vertical Inline Jockey Pump for High Pressure Hydrant - Capacity - 180 LPM at 100 Mtrs. Head. Driven by 5.5Kw (7.5HP), 2900RPM Vertical Flange Motor. Make of Pump and Motor should be either HBD / KSB / Grundfos. | 1 | Nos. | | | | |
| 1 | Sheet steel clad floor mounting control panel having approximate size 1875mm Height x 2100mm/width x 400mm Depth for control of 1 x 100HP Electric motor driven Hydrant Pump, 1 x 75HP Electric motor driven Sprinkler Pump, 2 x 5.5HP Low Pressure Jockey Pumps, 1 x 7.5HP High Pressure Jockey Pump and feeder for automatic start of Diesel Engine. Panel comprising of 400 Amps. 3 Pole incoming MCCB, branch 250 Amps. 3 Pole MCCB for Hydrant Pump, branch 200 Amps. 3 Pole MCCB for Sprinkler Pump, branch 20 Amps. 2 Pole MCCB for Diesel Engine feeder, 2 Nos. 20 Amps. 3 Pole MCCB's for 5.5HP Jockey Pumps and 1 No. 32 Amps. 3 Pole MCCB for 7.5HP Jockey Pump. Incoming voltmeter with selector switch and fuses, auto star delta starters with hand rest overload cum single phase preventor type relay for hydrant and sprinkler pumps and DOL starters with hand rest overload cum single phase preventor type relays for jockey pumps, ammeters for all pumps to read current in any one phase, off / auto / manual selector switches for all feeders, start stop push buttons for all feeders, hooter alarm separate for sprinkler and hydrant with reset push buttons which one pressed should automatically reset for next cycle. Diesel engine feeder should be provided in his same panel with all necessary timers and relays for automatic starting of diesel engine on pressure switch. The sequence of automatic operation of the pumps should be such that in case of minor leakages jockey pumps should start and stop automatically to keep the hydrant and sprinkler lines pressurized set pressure. In case of fire once the hydrant or sprinkler pump start the same should run continuously till manually switched off. As soon as the sprinkler or the hydrant pump starts on fire duty hooter alarm should sound giving fire warning and the same should be manually silenced by the alarm reset push button. | 1 | No. | | | | |
| 5.2 | Danfoss make Pressure Switches | 8 | Nos. | | | | |

| Sr No. | Particulars | QTY | UNIT | UNIT RATE | Total Rate | GST AMOUNT | TOTAL RATE WITH GST |
|--------|---|-----|------|-----------|------------|------------|---------------------|
| 6 | CABLING. All cables shall be copper armoured of Polycab / CCI make only. | | | | | | |
| 6.1 | Cable 31/2 crore x 185 sqmm Cu XLPE armoured | | | | | | |
| 6.2 | Cable - 3c x 70 sqmm Cu XLPE armoured | 40 | Mtr. | | | | |
| 6.3 | Cable - 3c x 50 sqmm Cu XLPE armoured | 20 | Mtr. | | | | |
| 6.4 | Cable - 3c x 4 sqmm Cu XLPE armoured | 20 | Mtr. | | | | |
| 6.5 | Cable - 2c x 1.5 sqmm Cu XLPE armoured | 25 | Mtr. | | | | |
| 6.6 | Ring type copper lugs for 185 sqmm cable | 6 | No. | | | | |
| 6.7 | Ring type copper lugs for 90 sqmm cable | 2 | No. | | | | |
| 6.8 | Ring type copper lugs for 70 sqmm cable | 6 | No. | | | | |
| 6.9 | Ring type copper lugs for 50 sqmm cable | 6 | No. | | | | |
| 6.10 | Ring type copper lugs for 4 sqmm cable | 18 | No. | | | | |
| 6.11 | Ring type copper lugs for 1.5 sqmm cable | 12 | No. | | | | |
| 6.12 | Brass cable glands long neck for 31/2Cx 185 sqmm al XLPE cable | 2 | No. | | | | |
| 6.13 | Brass cable glands long neck for 3Cx 70 sqmm al XLPE cable | 2 | No. | | | | |
| 6.14 | Brass cable glands long neck for 3x 50 sqmm al XLPE cable | 2 | No. | | | | |
| 6.15 | Brass cable glands long neck for 3Cx 4 sqmm cu XLPE cable | 6 | No. | | | | |
| 6.16 | Brass cable glands long neck for 2Cx 1.5 sqmm cu XLPE cable | 3 | No. | | | | |
| 6.17 | CABLE TRAY - 150MM | 10 | Mtr. | | | | |
| 6.18 | CABLE TRAY - 300MM | 5 | Mtr. | | | | |
| 6.19 | Copper Earthing | 1 | Lot. | | | | |
| 7 | Precharged Diaphragm Tanks should be of Aqua system Italy / Elbi Italy / SIMM Itly makes only with rubber diaphragm. Vessels should be precharged with air for suitable working pressure of the hydrant and sprinkler systems. | | | | | | |
| 7.1 | 200 Liters - 10 Bar. | 2 | Nos. | | | | |
| | 200 Liters - 16 Bar. | 1 | No. | | | | |
| 8 | PIPING Supply, Installation, Testing and Commissioning of GI C class pipes of Jindal / TATA make only. Piping with weldable fabricated fittings. Butterfly Values should be of CNR make and Ball valves of Zoloto make. Rates should include rubber packing, nuts, bolts with double washers including support. | | | | | | |
| 8.1 | 150 dia GI Class - C pipe | 110 | Mtr. | | | | |

| Sr No. | Particulars | QTY | UNIT | UNIT RATE | Total Rate | GST AMOUNT | TOTAL RATE WITH GST |
|--------|--|-----|------|-----------|------------|------------|---------------------|
| 8.2 | 150 dia weldable elbow | 15 | No. | | | | |
| 8.3 | 150 dia weldable flange | 50 | No. | | | | |
| 8.4 | 200 dia GI Class - C pipe | 6 | Mtr. | | | | |
| 8.5 | 200 dia weldable flange | 4 | No. | | | | |
| 8.6 | 200 dia weldable elbow | 1 | No. | | | | |
| 8.7 | 50 dia GI Class - C pipe | 48 | Mtr. | | | | |
| 8.8 | 50 dia weldable elbow | 25 | No. | | | | |
| 8.9 | 50 x 40 / 32 reducer | 10 | No. | | | | |
| 8.10 | 40 dia GI Class - C pipe | 1 | Mtr. | | | | |
| 8.11 | 40 dia flange | 6 | No. | | | | |
| 8.12 | 32 dia pipe including fittings | 6 | No. | | | | |
| 8.13 | 25 dia pipe including fittings | 10 | Mtr. | | | | |
| 8.14 | 15 dia pipe including fittings | 24 | Mtr. | | | | |
| 8.15 | 200 diaBFV | 1 | No. | | | | |
| 8.16 | 150 diaBFV | 9 | No. | | | | |
| 8.17 | 50 diaBFV | 7 | No. | | | | |
| 8.18 | 150 MM STRAINER | 2 | No. | | | | |
| 8.19 | 50 MM STRAINER | 2 | No. | | | | |
| 8.20 | 32 dia Ball Valve | 3 | No. | | | | |
| 8.21 | 25 dia Ball Valve | 3 | No. | | | | |
| 8.22 | 15 dia Ball Valve | 11 | No. | | | | |
| 8.23 | 150 dia Dual plate NRV | 6 | No. | | | | |
| 8.24 | 50 dia Dual plate NRV | 3 | No. | | | | |
| 8.25 | 0-16 bar glycerine filled pressure gauge with syphone and cock | 11 | No. | | | | |
| | GRAND TOTAL | | | | | | |
| | <p>NOTE:- After overhauled pumps with new control panel are installed and the systems are set on proper auto mode any leakage or defects are observed in the hydrant and sprinkler ring main and vertical risers the same will have to be rectified by the contractor that is awarded the project. Rectification of these defects will be at an extra cost that will be mutually decided between HAJ Committee and the contractor. Provision of proper access to rectify these defects will be provided by the HAJ Committee. All civil work such as foundations etc is not in the scope of this tender and the same will be the responsibility of HAJ Committee.</p> | | | | | | |



HALL HOUSE BOQ

| SR. NO. | DISCRIPTION | SIZE | QTY |
|---------|------------------------|------------|----------|
| 1 | NRV | 150mm | 6 |
| 2 | Butterfly Valve | 150mm | 9 |
| 3 | 90 deg bend | 150mm | 17 |
| 4 | G.I. pipe | 150mm | 108 mtrs |
| 5 | NRV | 50mm | 3 |
| 6 | Butterfly Valve | 50mm | 7 |
| 7 | 90 deg bend | 50mm | 20 |
| 8 | G.I. Pipe | 50mm | 43 mtrs |
| 9 | 200 ltr. pressure tank | 600 mm dia | 3 |