

President
Pravinsingh Pardeshi, I.A.S. (Retd.)

Ref: BNHS/1134/07/2026

Date: 15/07/2026

To: M/s. Bombay Natural History Society Mumbai

Name of work: Construction of Educational Conservation and Research Center on BNHS Bhisi Land at SN. No. 161/1 Mauza Navegaon (Brahman) Village, Tehsil- Chimur in the Dist. Of Chandrapur.

Estimate for: Supply, Installation For Fire Fighting & Fire Alarm System | No. of. Floor: G+1

Sr. No.	DESCRIPTION	Qty	Unit
A	FIRE RISER SYSTEM		
1	Supply, Installation, Testing & Commissioning of GI ERW Pipe as per IS 1239 with fittings including Elbow, Tees Flanges & Required Thraded roads & anchor fastner (Make: Jindal)		
a	200 mm	0	Mtr.
b	150 mm	6	Mtr.
c	100 mm Ring Pipe)	264	Mtr.
d	100 mm Underground Pipe with wrapping and Coating)	24	Mtr.
e	100 mm Riser pipe)	36	Mtr.
f	80 mm	12	Mtr.
3	Supply, Installation, Testing & Commissioning 01 Hydrant valve SS type coupling with 'Ve blanks cap & M.S. Chain in an approved manner (Make: Newage, Safegro)	4	Nos
4	Supply, Installation, Testing & Commissioning of Yard Hydrant Post SS type coupling with PVC blanks cap & M.S. Chain in an approved manner	6	Nos
5	Supply, Installation, Testing & Commissioning of M.S./CRCA Single Door cabinet for housing fire brigde siemese sonnections made 1rom 16 swg sheet having front doors with viewing glass and locking arrangement with necessary fixing material such as rubber bidding etc. duly painted in oost box red colour. (Make: fabricated)	10	Nos.
6	Supply, Installation, Testing & Commissioning of Hose Box Frame (Make: Local)	10	Nos.



8	Supply, Installation, Testing & Commissioning of 63 mm dia Branch Pipe short fitted with 20 mm dia detachable hexagonal nozzle confirming to IS: 903 (Make: Newage, Safepro)	10	Nos.
9	Supply, Installation, Testing & Commissioning of wall mounting swinging Hose reel drum as per IS: 884 & fitted with 19 mm dia, 15 meter long high pressure polypropelene (polyhose) pipe as per IS: 444 (type III) GM chrome plated nozzle & 19 mm Q.G.M. Gate valve on the inlet pipe with necessary M.S. Bracket for holding hose reel drum fitted in position with wall fasteners, in an approved manner. (Make: Newage. Safepro)	4	Nos.
10	Supply, Installation, Testing & Commissioning of Ball Valve with fitting barrel Nipple, Teflon tap. (Make: Kartar)		
a	25 mm	10	Nos
11	Supply, Installation, Testing & Commissioning of 2 WAY Fire Brigade Header of 100 mm dia m MS 'C' Class pipe 1 mtr long having 2nos. of 100 mm T outlet with 100 mm dia flange fitted with 2Nos. of SS fire branching inlet connection, each consisting of 4nos. 63 mm dia SS Male inlet for supplying water in fire tank. (Make: Newage, Safepro)	2	Nos.
12	Supply, Installation, Testing & Commissioning of Air Release valve 25NB (Make: Kartar)	2	Nos
13	Supply, installation, testing and commissioning of 15 mm dia, NBCM Body Chrome finished quartzite bulb sprinkler having 68 degree C Fixed temperature rating with deflector disc of conventional construction. (Make: Star/ Newage)		
a	68 degree C Pendent/Upright/side wall sprinklers	0	Nos
b	1/2' MS- Socket	0	Nos
c	Supply, Installation, Testing & Commissioning of Flexible Pipes 1000/750mm long Distance	0	Nos
14	Supply, Installation, Testing & Commissioning of Structural steel for supports	300	Kg
15	Core Cuts For Slab 125 mm	1	Job
15	Core Cuts For Beam 150 mm	1	Job



B	FIRE PUMP SYSTEM		
1	Supplying, Installation, Testing and Commissioning of 1800 LPM electric driven Main Fire Pump suitable for automatic operation and consisting of following: complete in all respect as required. Horizontal type, multistage, centrifugal, split casing, positive suction pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 kg/sq.cm at highest and farthest outlet at specified flow of 1800 LPM, Conforming to IS. (Make: KBL/Klug)	1	Nos
2	Providing, fixing & commissioning of 1800 LPM pump coupled with Diesel Driven motor. Alongwith baseframe, foundation bolts & coupling guard. As Hydrant mono block centrifugal pump (Make: KBL/Klug)	1	Nos
3	Providing, fixing & commissioning of 180 LPM pump coupled with Electric motor. Alongwith baseframe, foundation bolts & coupling guard. As Jockey Pump	1	Nos
4	Supply, Installation, Testing & Commissioning of AUTO MANUAL CONTROL PANEL FOR FIRE PUMPS - Providing, installing & commissioning automatic Starter panel switchgear unit for the main hydrant pump, jockey pump to suit the motor H.P. for the rated capacity & desired head of the pumps (Make: L&T/Schneider)	1	Nos
5	Supply, Installation, Testing & Commissioning of armoured Alu. Cable conductor Complete erected on wall ceiling with required size and strength of M.S. saddles in an approved manner. (Make: Polycab)		
a	3.5 core x 35 Sq.mm (for Main Pump)	50	Mtr
b	4 core x 4 Sq.mm (for Jockey Pump)	40	Mtr
6	Supplying, Installation, Testing and Commissioning of electric driven Booster fire pump 450 LPM suitable for Manual operation and consisting of following: complete in all respect as required.	2	Nos
7	Supply, Installation, Testing & Commissioning of Auto Panel for BOOSTER FIRE PUMPS - Providing, installing & commissioning manual Starter panel switchgear unit for the Booster Pump	1	Nos
8	Supplying and Erecting Round flexible 3 core 16 mm PVC sheathed Alu cable suitably clamped at fixed intervals with column pipe assembly complete	36	Mtr.
9	Supply, Installation, Testing & Commissioning of C.I Ball type FOOT VALVE / Y Strainer with flange joint nut bolt. (Make: Kartar)		
a	100 mm	2	Nos
b	80 mm	1	Nos



10	Supply, Installation, Testing & Commissioning of cast iron double flanged Butterfly Valve confirming to having cast iron body, FG220 Nitrite rubber replaceable seat with moulded 'O' RING.c.i. Poder coated disc flow control complete and tested to 1.5 times of working pressure in an approved manner. (Make: Kartar)		
a	100 mm	10	Nos
b	80 mm	2	Nos
11	Supply, installation, testing and commissioning of Vapor Check confirming to IS 5312(part -1) having cast iron body and gun metal working parts with nut bolts, gaskets, etc & tested to 1.5 times of working pressure in an approved manner. (Make: Kartar)		
a	100 mm	6	Nos
b	80 mm	2	Nos
12	Supply, Installation, Testing & Commissioning of C.I Ball type Y Strainer with flange joint nut bolt. (Make: Kartar)		
a	100 mm	2	Nos
b	80 mm	1	Nos
13	Supply, Installation, Testing & Commissioning of Pressure Switch, (Jelly field) 0 to 300 PSI (0 21 kg/sqcm) range, fitted with 12/15 mm dia, pad cock valve, and G.I. pipe elbow, etc. as per requirment in an approved manner. (Make: Danfoss)	5	Nos
14	Supply, Installation, Testing & Commissioning of Pressure Guage of 100 mm dia, 0 to 300 PSI (0-21 kg/sqcm) range, fitted with 12/15 mm dia, pad cock valve, and G.I. pipe elbow, etc. as per requirment in an approved manner. (Make: H Guru)	5	Nos
C	FIRE ALARM SYSTEM & DETECTION SYSTEM		
1	Supply Installation Testing and commissioning of Conventional type optical Smoke/Heat detector complte with all accessories like base box etc (Make: Agni)	42	Nos.
2	Supply Installation Testing and commissioning of 2 Zone Fire Alarm Panel complte with all accessories etc. (Make: Agni)	1	Nos.
3	Supply Installation Testing and commissioning of Analouge type manual call point (Brake glass type) complete with push button enclosed in a box with provision for cable and conduit coupling. (Make: Agni)	4	Nos.
4	Supply Installation Testing and commissioning of Analogue type Hooter (Make: Agni)	4	Nos.



5	Supplying and erecting PVC 2 core 1.5 sq.mm. Copper wire complete erected on wall/ ceiling with required size and strength of. saddles in an approved manner (Make: Polycab)	350	mtrs
6	Supply, Installation, Testing & Commissioning of Emergency Fire Exit Signages Acrylic Sheet with Auto glow Indicate Arrow & Direction as per NBC Norms. (Make: Agni)	10	Nos.
D	FIRE EXTINGUISHERS		
1	Supplying and erecting of 9 ltr. Water Type Fire Extinguishers (Make: Safety One, Safepro)	10	Nos
2	4.5 kg CO2 type Extinguisher with wall mounting brackets.	2	Nos
3	Supply, installation of a set of 4 Nos. of Fire Buckets with a stand. (Make: Local)	1	Set
4	Approval of Fire NOC	1	Job

Your estimates be sent to tender@bnhs.org by 1730 hrs., on 29th July, 2026.

Estimates receiving after the closing date, i.e. 29th July, 2026 and on any other Email ID other than tender@bnhs.org will be considered as **NOT RECEIVED and shall be barred from participation.**




Chief Operating Officer (COO)