

## **ANNEXURE-I**

### **PROJECT: 132KV SWITCHYARD FOR 100 MW MONARCHAK GAS BASED COMBINED CYCLE POWER PROJECT**

#### **ITEM: FIRE FIGHTING SYSTEM**

#### **BILL OF MATERIAL**

HYDRANT SYSTEM		
SL. NO	ITEM DESCRIPTION	QTY
1	SINGLE HEADED EXTERNAL HYDRANT VALVE SS CONSTRUCTION (IS:5290, TYPE-A) 63NB - OBLIQUE TYPE	12 NOS
2	RRL FIRE HOSE 63 MM DIA X 15 MTRS LONG WITH SS COUPLING (IS: 636 (TYPE-A))	24 NOS
3	BRANCH PIPE WITH NOZZLE	12 NOS
4	MS FABRICATED GLASS FRONTED EXTERNAL HOSE CABINET	12 NOS
5	ABOVE GROUND MS PIPE (AS PER IS:1239 PART-1, MED. GR.)	
5A	150NB	300 MTRS
5B	100NB	240 MTRS
5C	80 NB	20 MTRS
6	CI GATE VALVE - NON RISING SPINDLE TYPE	
6A	150NB	3 NOS
6B	100NB	1 NO
7	300NB HUME PIPE (NP-3 CLASS)	10 MTRS
8	WRAPPING AND COATING TAPE 4MM THICK AS PER IS:10221	5 SQM

#### **Note:**

- The scope of work covers supply, inspection and testing at bidder's and/ or his sub vendor's work(s), proper packing for transportation, delivery, storage and handling at site, erection, testing and commissioning, final painting and carrying out acceptance tests at site to the satisfaction of owner. Unit rate of each item and its amount shall be informed by the vendor. Amount column shall be added by the vendor.
- The quantities given in the Bill of Quantities are estimated and provisional, and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work ordered and carried out, as measured by the Contractor and verified by the Purchaser and valued at the rates and prices bid in the priced Bill of Quantities.

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- c. Miscellaneous items like hardware, fixtures etc. shall be deemed to be included under the relevant BOQ items and bidders shall consider the same while quoting for BOQ items.
- d. The contractor shall construct RCC pedestals for above ground pipe for hydrant system.
- e. The contractor will conduct performance guarantee test to the satisfaction of owner.