

ANNEXURE-2

NAME OF THE PROJECT: HVAC WORK AT NIRMAL BUILDING FOR ECGC					5/9/2019
Subject: BILL OF QUANTITY - HVAC WORKS					
Sr. No.	Description	Unit	Qty	Unit Rate	Total
1	PACKAGE/DUCTABLE AIRCONDITIONERS				
1.1	Supply of Self Contained Ductable type Split Units of capacities mentioned below having Construction of base panel of fabricated steel structures. Casing panel will be of Heavy gauge SS welded construction & Indoor unit having integral drain pump. Casings will be complete with plenum, discharge outlets, grills space for fans, refrigeration equipments & cooling coils. Outdoor Condensing unit alongwith cordless remote with Power panel & internal control wiring. First Charge of refrigerant gas, M.S. stand for ODU, Refrigerant gas R410A & all mounting arrangements etc. Makes - Daikin, Hitachi, LG & Bluestar				
1.1.1	11 Tr	Nos.	3	-	-
1.1.2	8.5 Tr	Nos.	3	-	-
1.2	Installation, Testing & Commissioning of Self contained Package/Ductable type SPLIT Airconditioners with outdoor condensing units along with Cordless remote control, Ductable type indoor units, CFC free refrigerant, controls, copper earthing, single phase preventor, remote control, safeties, M.S. stand for ODU.				
1.2.1	11 Tr	Nos.	3	-	-
1.2.2.	8.5 Tr	Nos.	3	-	-
1.3	Supply, Installation, Testing & Commissioning of mirror finish inside / outside refrigerant piping including liquid & suction pipes with insulation out of copper pipes with 19 mm thick class "O" armaflex nitrile rubber. Pipe line will be tested for requisite pressure & will be supported at every 6 ft in intervals. (Quantity shall be measured one way & considering single circuit)				
1.3.1	11 Tr	Rmt	10	-	-
1.3.2	8.5 Tr	Rmt	10	-	-
1.4	Supply, Installation, Testing & Commissioning of Electrical copper cables between Panel to outdoor, indoor units & Control Cable from Indoor to Outdoor Units with earthing termination as per below mentioned Specifications (Quantity shall be measured one way & considering single circuit)				
1.4.1	4 Core X 10 Sq. mm	Rmt	10	-	-
1.4.2	4 Core X 1.5 Sq mm	Rmt	10	-	-
1.4.3	4 Core X 2.5 Sq mm	Rmt	10	-	-
1.4.4	7 Core X 1.5 Sq mm	Rmt	10	-	-
1.4.5	8 Gauge Copper cable for Earthing	Rmt	10	-	-
1.5	Supply & Installation of Insulated Hard PVC drain Piping with supporting clamps.				
1.5.1	50 mm	Rmt	10	-	-
1.6	Supply Of additional Refrigerant in case Piping length increases above standard limitation				
1.6.1	R-410 A	Lot	2	-	-
TOTAL FOR 1.0					-
2	SHEET METAL DUCTING with SMACNA STANDARDS including Acoustic insulation				
	Supply, fabrication, Installation, and testing of sheet metal rectangular ducts with 20 mm armasounding Accoustic Insulation accordance with the approved shop drawings and as per the specifications				
2.1	1 - 750 (upto 30") -- 26 G C&SS	Sq.mt			-
2.2	751 - 1000 (31" - 40") -- 26 G	Sq.mt			-
2.3	1001 - 1500 (41" - 60") -- 24 G	Sq.mt	25	-	-
2.4	1501 - 1800 (61" - 72") -- 22 G	Sq.mt	18	-	-
2.5	1801 - 2100 (73" - 84") -- 20 G	Sq.mt	16	-	-
2.6	2101 - 2400 (85" - 96") -- 18 G	Sq.mt			-
2.7	2401 & Above (97" & above) --18 G	Sq.mt			-
3	Supply & Installation of Canvas Connections	Nos	6	-	-
TOTAL FOR 2.0 & 3.0					-
GRAND TOTAL					-