

EPC METER INSTALLATION

ITEM NO	DESCRIPTION	UOM	QTY	RATE	AMOUNT
<u>SECTION A: PRELIMINARIES AND GENERAL</u>					
<u>Establishment of Facilities on site for Contractor</u>					
The sums stated for items under this heading shall cover the cost of providing, establishing and commissioning on the site the facilities adequately equipped to enable all the work to commence and to proceed to completion as required in terms of the contract. The Bill must be completed using the technical specification of the project.					
The works information is provided and no claims arising from brevity of description of items fully described in the said works information will be entertained					
Works Information/scope of work are incorporated to satisfy the requirements of this project. Such information shall take precedence					
The contractor's prices for all items throughout this document must take account of and include for all obligations, requirements and specifications given in the said works information/scope of work. No variation will be entertained on the items clearly listed in works information					
<u>BILL NO : 1 PRELIMINARY AND GENERAL</u>					
	Health and Safety Requirements Incl. Preparation of health and safety file, H&S plan, quality plan, medicals, PPE, police clearance, etc)	Sum	1		-
	Safety Officer	Sum	1		-
	Transportation for workers (Including drivers cost)	Sum	1		-
	On-site LDV	Sum	1		-
	Accommodation (Including meals)	Sum	1		-
Section Summary carried Forward					-

SECTION B**BILL NO: 4 ELECTRICAL WORK****CABLE**

Supply and install, Cu cable complete with all terminations accessories and connections:

16mm ² x 4 Core	m	5	-
1.5mm ² x 4 Core	m	10	-
2.5mm ² x 1 Core	m	100	-
1.5mm ² x 1 Core	m	300	-

PVC INSULATED STRANDED COPPER CONDUCTOR

Supply and install, PVC insulated stranded copper earth conductor, complete with all terminations accessories and connections:

6mm ² x 1 Core	m	10	-
---------------------------	---	----	---

ELECTRONIC INSTALLATIONS**POWER METER**

Supply, install, connect, test, verify complete metering circuits, configuration and commission Schneider PM5310 multifunction energy meter or similar approved complete with all accessories and wiring necessary for a fully operational installation:

Power meter	No.	17	-
-------------	-----	----	---

Supply, install transformer set ring-type or split-core CT, Class 0.5, 5 VA (3 CTs per set):

400/5A	Set	5	-
200/5A	Set	6	-

CT SHORTING BLOCK

Supply, install, wire, CT Shorting Block suitable for 5 A CT secondary circuits, complete with , all fixing accessories, ferrules, lugs and connections, for integration with multifunction energy metering systems and current transformer circuits, complete and operational:

6-Way	No.	11	-
-------	-----	----	---

VOLTAGE CIRCUIT PROTECTION

Supply, install, connect a 3-Phase, 5 A miniature circuit breaker (MCB) C-curve complete with all necessary connections for protection of the voltage sensing circuit of a multifunction energy meter installation, complete and operational

6 kA Capacity	No.	14	-
---------------	-----	----	---

METER ENCLOSURE

Supply and install new meter enclosure complete with DIN rail and backplate

Surface-Mounted	No.	2	-
-----------------	-----	---	---

FERRULES, LUGS & MARKERS

Supply, install wiring termination accessories and identification labels	Item	1	-
--	------	---	---

CABLE GLANDS

Supply, install suitable nylon/brass glands for enclosure cable entry	Item	1	-
---	------	---	---

DIN RAIL

Supply, install galvanised DIN Rail for mounting MCBs and CT Blocks	m	5	-
---	---	---	---

CERTIFICATE OF COMPLIANCE (CoC)

Prepare and issue Electrical Certificate of Compliance for completed electrical works.	No.	11	-
--	-----	----	---

SUMMARY

PRELIMINARY AND GENERAL ELECTRICAL WORK	-
---	---

ESTIMATED COST EXCL. VAT	-
--------------------------	---