ISRAEL ELECTRIC CORPORATION LTD.
Rutenberg power station
Coal Handling Management Dept.

חברת החשמל
Israel Electric

	Description	QTY	Remarks
1	Replacing an existing Hot Redundant Programmable controller system (PLC) Type Siemens S5. With new tested Hot Redundant Programmable Logic Controller (PLC) Type Siemens S7-- with all necessary hardware and updated software.	2	
2	Replacing an existing I/O S5 series type. With new tested I/O based S7 series type.	14	
3	Replacing an existing ETHERENT Bus TCP/IP OLM 6GK1102-4AA00 With new tested ETHERENT Bus TCP/IP OLM	1	
4	Replacing an existing PROFIBUS-FMS Bus OLM 6GK1502-4AB10 With new tested PROFIBUS-FMS Bus OLM	2	
5	Contractor will supply enclosure of one cabinet JB - HHP IV	1	

	Description	QTY	Cost	
6	Complete Electrical Installation Work Siemens S5, including 14 (fourteen) existing remote I/O Siemens S5, including professional wiring of All the new panels on site and inside the Electrical rooms. All replaced cabinets will be dismantled by Contractor.	14		
7	Check correct connection following the erection and prior to first Dry RUN Test.	1		
8	Creating new S/R arrangement of PLC Panel Wiring diagrams show how the wires are connected and where they should be located, as well as the connections between all the electrical components including schematic diagram shows the plan and function for an electrical circuit.	42		
9	The SR-C must run perfectly in remote operation without handling material	1		
10	The SR-C must run perfectly under material handling condition. In local and remote.	1		
11	Backing the current program. Making the necessary changes in the PLC Program Writing a PLC Program	1		