

Corrigendum 1

Annexure I to SCC – Payment terms

Payment Schedule

- 10% of total value of contract as (excluding FMS and Bandwidth Charges) “Mobilization Advance” after signing the contract. The following shall be ascertained before release of payment:-
 - Opening of site office in project area
 - Submission of necessary Bank Guarantee for the 110% of Initial Advance (Interestbearing)
 - Submission of the necessary Contract Performance Bank Guarantee. The same will be released on completion of contract/assignment.
 - Submission of agreed project implementation schedule
- Progressive /Milestone based payment for Each Project Area excluding DR Centre SCADA /DMS/ OMS system (Control center wise) For Group A&U towns

S No.	Description/Milestone	% Value
A	<p>Software</p> <p>1.0 Approval of Functional Design document , BOQ , DRS</p> <p>2.0 Pro-rata basis after Successful Completion of Factory Acceptance Tests (FAT as defined in MTS) and Delivery of necessary software to Utility as per Bill of Quantities for Software Installation based on certification by the Utility</p> <p>3.0 Pro-rata basis after successful completion of End to End Tests (as defined in MTS) at Site based on certification by the Utility (Pro rata payment based on $0.25(\text{FRTU E TO E tested} / \text{TOTAL FRTU}) + 0.7(\text{RTU E TO E tested} / \text{TOTAL RTU}) + 0.05(\text{FPI end to end tested} / \text{Total FPI})$)</p> <p>4.0 After successful completion of Field Performance Tests (as defined in MTS)</p>	<p>25 % of software component of contract</p> <p>25% of software component of contract</p> <p>10 % of software component of contract</p> <p>20 % of software component of contract</p>
B	<p>Hardware***</p> <p>1.0 Approval of Functional Design document , BOQ , DRS</p> <p>2.0 Pro-rata basis on the receipt of equipment at site along with submission of :Detailed Packing list identifying contents of each consignment (3 copies)</p> <p style="margin-left: 20px;">a) Manufacturer’s/contractor’s Guarantee certificate of Quality Insurance Policy/certificate (3 Copies)</p> <p style="margin-left: 20px;">b) Material Inspection Clearance or equivalent Certificate for dispatch issued by the Utility</p> <p style="margin-left: 20px;">c) Test Certificates</p> <p>3.0 Pro-rata basis on successful completion of end to end testing at site based on certification by the Utility(Pro rata payment based on $= 0.25(\text{FRTU E TO E tested} / \text{TOTAL FRTU}) + 0.7(\text{RTU E TO E tested} / \text{TOTAL RTU}) + 0.05(\text{FPI end to end tested} / \text{Total FPI})$).</p>	<p>25% of Hardware component of contract</p> <p>25% of hardware component of contract</p> <p>10 % of hardware component of contract</p>

	After successful completion of Field Performance Tests (as defined in MTS)	20% of hardware component of contract
c	Installation, Testing and Commissioning Cost to Integrate Entire SCADA & IT (relevant to SCADA) Infrastructure (Please refer Form:1 Project managementcost) (Pro rata payment based on = 0.25(FRTU E TO E tested /TOTAL FRTU) +0.7(RTU E TO E tested /TOTAL RTU)+ 0.05 (FPI end to end tested/ Total FPI).	<ul style="list-style-type: none"> • 40% after successful completion of Field Installation Test (as defined in MTS) • 40% after successful completion of end to end test (as defined in MTS)
D	Training: Pro-rata payment on the basis of completion of training of required personnel as mentioned in MTS (Please refer Form F-8)	80% of total value of Training Cost
E	Spares and Test Equipment	80% of receipt of material and physical verification of material by utility at the site
F	Final Payment after Operational Acceptance (on successful completion of system availability tests) and Cyber security audit by CERT.IN empanelled agency proof of submission of the required number of reproducible, O&M Manuals, approved drawings, data sheets, test reports and manuals etc. of spares, maintenance & testing equipment , training etc.	10% software, hardware, installation, testing and commissioning. + 100% of payment for Integration with legacy applications & Data Migration + 10% payment for training + 10% of spares and testequipment
G	Bandwidth Charges	Based on actual claim and verification by the utility based on SLA
H	FMS Charges	FMS charges shall be paid quarterly based on SLA

** Payment for Disaster Recovery Centre

Proportionate Cost shall be paid for DR software , hardware to be paid based on achievement of corresponding milestone. The rest of DR software and hardware cost payment shall be done on basis of satisfactory completion of Operational Acceptance Test (as defined in MTS) *** Hardware also includes power supply equipment and communication equipment. And , RMU , SECT FPIs etc

*** Hardware also includes power supply equipment and communication equipment. SECTIONLIZER/ RMU/FPIs /Numerical relays

^ In case bidder does not opt to avail mobilization advance of 10% , the same may be released along with FAT and Field installation in equal tranches

μ : As per condition in note “μ” If certain items items are applicable for NSRC delivery, the same shall also be separately tested for FAT/SAT by PFC / Utility before operational acceptance & apportioned payment of NSRC component shall be made separately upon achievement of respective milestone upon achievement from the awarded value

In case of delay in the payment by utility beyond 45 days of receipt of complete invoice on attainment of milestone as per payment terms , penalty as per MCLR rate shall be applicable on utility. For the purpose of this clause, Employer shall ensure to communicate any shortcomings in the invoice within seven (07) days with proper observations. **In that case , the corrected invoice as per milestones shall be submitted by bidder again .**

SCADA system (Distt Control center wise) (B/C)

S No.	Description/Milestone	%Value
A.	<p>Software</p> <p>1.0 Approval of Functional Design document , BOQ ,DRS</p> <p>2.0 Pro-rata basis after Successful Completion of Factory Acceptance Tests (FAT as defined in MTS) and Delivery of necessary software to Utility as per Bill of Quantities for Software Installation based on certification by the Utility</p> <p>3.0 Pro-rata basis after successful completion of End to End Tests (as defined in MTS) at Site based on certification by the Utility (Pro rata payment based = (0.9 *RTU E TO E tested /TOTAL RTU) + 0.1* FPI END TO END TESTED /Total FPI)</p> <p>4.0 After successful completion of Field Performance Tests (as defined in MTS)</p>	<p>25 % of software component of contract</p> <p>25 % of software component of contract</p> <p>10 % of software component of contract</p> <p>20 % of software component of contract</p>
B.	<p>Hardware***</p> <p>1.0 Approval of Functional Design document , BOQ ,DRS</p> <p>2.0 Pro-rata basis on the receipt of equipment at site along with submission of :</p> <ol style="list-style-type: none"> Detailed Packing list identifying contents of each consignment (3 copies) Manufacturer's/contractor's Guarantee certificate of Quality Insurance Policy/certificate (3 Copies) Material Inspection Clearance or equivalent Certificate for dispatch issued by the Utility Test Certificates <p>3.0 Pro-rata basis on successful completion of end to end testing at site based on certification by the Utility(Pro rata payment based on = (0.9 *RTU E TO E tested /TOTAL RTU) + 0.1*FPI END TO END TESTED /Total FPI)</p> <p>4.0 After successful completion of Field Performance Tests (as defined in MTS)</p>	<p>25 % of Hardware component of contract</p> <p>25 % of hardware component of contract</p> <p>10 % of hardware component of contract</p> <p>20 % of hardware component of contract</p>
C	<p>Installation, Testing and Commissioning Cost to Integrate Entire SCADA & IT (relevant to SCADA) Infrastructure (Please refer Form:1 Project management cost)</p> <p>(Pro rata payment based on = (0.9 *RTU E TO E tested /TOTAL RTU) + 0.1*FPI END TO END TESTED /Total FPI)</p>	<ul style="list-style-type: none"> 40% after successful completion of Field Installation Test (as defined in MTS) 40% after successful completion of end to end test (as defined in MTS)
D.	<p>Training: Pro-rata payment on the basis of completion of training of required personnel as mentioned in MTS (Please refer Form F-8)</p>	<ul style="list-style-type: none"> 80% of total value of Training Cost
E.	<p>Spares and Test Equipment</p>	<p>80% of receipt of material and physical verification of material by utility at the site</p>
F.	<p>Final Payment after Operational Acceptance (on successful completion of system availability tests) and Cyber security audit by</p>	<p>10% software, hardware, installation, testing and</p>

	CERT.IN empanelled agency proof of submission of the required number of reproducible, O&M Manuals, approved drawings, data sheets, test reports and manuals etc. of spares, maintenance & testing equipment etc.	commissioning. + 100% of payment for Integration with legacy applications & Data Migration + 10% # balance payment for training + 10% of spares and test equipment
G.	Bandwidth Charges	Based on actual claim and verification by the utility
H.	FMS Charges	100% of the annual FMS charges at the end of each year based on SLA

**** Payment for Data Recovery Centre**

Proportionate Cost for DR software , hardware to be paid based on achievement of corresponding milestone. The rest of DR software and hardware cost payment shall be done on basis of satisfactory completion of Operational Acceptance Test (as defined in MTS) *** Hardware also includes power supply equipment and communication equipment. and FPIs

^ In case bidder does not opt to avail mobilization advance of 10% , the same may be released along with FAT and Field installation in equal tranches.

In case of delay in the payment by utility beyond 45 days of receipt of complete invoice on attainment of milestone as per payment terms, penalty as per MCLR rate shall be applicable on utility. For the purpose of this clause, employer shall ensure to communicate any shortcomings in the invoice within seven (07) days with proper observations. **In that case, the corrected invoice as per milestones shall be submitted by bidder again .**