



NEPAL ELECTRICITY AUTHORITY
(A Government of Nepal Undertaking)
Finance Directorate

Country: Nepal

Project: Nepal India Electricity Transmission and Trade Project (NIETTP)

Sub-Project: Institutional Strengthening Project (ISP)

Assignment Title: Supply, Installation and Implementation of Integrated Financial Management Information System (IFMIS) and Revenue Management System (RMS)

IFB Number: NIETTP-AF-ISP-NCS-IFMIS-075/76-01

Addendum-3

Tuesday, 20 August 2019

S. No.	RFP Reference	Existing Clause	Revised Clause
1.	Bid Data Sheet for ITB 6.1 (c)	<p>Bidder can propose to use Subcontractors for the provision of following types/categories of services:</p> <ul style="list-style-type: none"> • Post go-live operation & maintenance for hardware and standard software (except maintenance of IFMIS and RMS Application) • Training • Hardware procurement, delivery, installation& commissioning • Data Migration <p>For each of above services, written agreements by the proposed sub-contractors to provide these services in case of contract(s) resulting from this bidding shall be submitted as attachments in the Technical Submission separately.</p> <p>Total sub-contract value should not exceed 20% of total contract value.</p>	<p>Bidder can propose to use Subcontractors for the provision of following types/categories of services:</p> <ul style="list-style-type: none"> • Post go-live operation & maintenance for hardware and standard software (except maintenance of IFMIS Application) • Training • Hardware procurement, delivery, installation& commissioning • Data Migration • Implementation of RMS application <p>For each of above services, written agreements by the proposed sub-contractors to provide these services in case of contract(s) resulting from this bidding shall be submitted as attachments in the Technical Submission separately.</p> <p>Total sub-contract value should not exceed 25% of total contract value.</p>
2.	Bid Data Sheet for ITB 28.5, (ii) d) and e)	<p>(ii) During last 10 years, Bidder or any partner in case of JV must have implemented (as on date of submission of bid)</p> <p>d) Metering, Billing & Collection Software, being offered, in Government organisation/ Public Sector Undertaking (PSU)/ Companies in Power Sector with</p> <ul style="list-style-type: none"> • >=1 million consumer and <2 million consumers - 2 marks • >=2 million consumer and <3 million consumers - 3 marks 	<p>{Note: The below amendment is applicable only for criteria d) and e).}</p> <p>(ii) During last 10 years, Bidder or any partner in case of JV or Sub-contractor or RMS Product OEM must have implemented (as on date of submission of bid)</p>

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		<ul style="list-style-type: none"> >=3 million consumer and <4 million consumers - 4 marks <p>Each project will carry maximum 4 marks (Maximum 2 projects to be considered)</p> <p>e) At least one project covering Energy Audit Module, being offered, in Government body/Public Sector Undertaking (PSU)/ Companies in Power Sector</p>	<p>d) Metering, Billing & Collection Software, being offered, in Government organisation/ Public Sector Undertaking (PSU)/ Companies in Power Sector with</p> <ul style="list-style-type: none"> >=1 million consumers and <2 million consumers - 2 marks >=2 million consumers and <3 million consumers - 3 marks >=3 million consumers - 4 marks <p>Each project will carry maximum 4 marks (Maximum 2 projects to be considered)</p> <p>e) At least one project covering Energy Audit Module, being offered, in Government body/Public Sector Undertaking (PSU)/ Companies in Power Sector</p>																								
3.	BDS for ITB Clause 6.1 (a)	<p>Qualification criteria for Bidder/ Lead Partner of JV:</p> <p>E. Shall be SEI CMMi (Capability Maturity Model) Level 3 or higher certified.</p>	<p>Bidder/ Any member of JV:</p> <p>E. Shall be SEI CMMi (Capability Maturity Model) Level 3 or higher certified.</p> <p>{Note: The relaxation of meeting qualification criteria by any member of JV is applicable only for above point E}</p>																								
4.	Sample Forms- 5. Contract Agreement: Article 3.1(c)	The Purchaser has paid the Supplier the advance payment, in accordance with GCC Clause 12.	<p>The Purchaser has paid the Supplier the advance payment, in accordance with GCC Clause 12.</p> <p>Failure of the Supplier to furnish advance payment security as specified in Article 3.1(b) above within the period specified in GCC 13.2.1 shall lead the effectiveness condition for advance payment to be null and void.</p>																								
5.	SCC for GCC Clause 12.1 (b)	<table border="1"> <thead> <tr> <th>S. No.</th> <th>Payment Milestones (Category/sub-category/item)</th> <th>Amount Payable</th> <th>Payment Reference to financial forms (Section VII)</th> </tr> </thead> <tbody> <tr> <td colspan="4">(1) Supply and Installation of Hardware</td> </tr> <tr> <td>1</td> <td>Supply of Hardware at NEA office (Hardware should not be supplied before completion of UAT of IFMIS or RMS whichever is earlier- refer implementation)</td> <td>75% of A1</td> <td>{Refer amount A1 mentioned in Table A: Summary Supply and</td> </tr> </tbody> </table>	S. No.	Payment Milestones (Category/sub-category/item)	Amount Payable	Payment Reference to financial forms (Section VII)	(1) Supply and Installation of Hardware				1	Supply of Hardware at NEA office (Hardware should not be supplied before completion of UAT of IFMIS or RMS whichever is earlier- refer implementation)	75% of A1	{Refer amount A1 mentioned in Table A: Summary Supply and	<table border="1"> <thead> <tr> <th>S. No.</th> <th>Payment Milestones (Category/sub-category/item)</th> <th>Amount Payable</th> <th>Payment Reference to financial forms (Section VII)</th> </tr> </thead> <tbody> <tr> <td colspan="4">(1) Supply and Installation of Hardware</td> </tr> <tr> <td>1</td> <td>Supply of Hardware at NEA office (Hardware should not be supplied before completion of UAT of IFMIS or RMS whichever is earlier- refer implementation)</td> <td>90% of A1</td> <td>{Refer amount A1 mentioned in Table A: Summary Supply and</td> </tr> </tbody> </table>	S. No.	Payment Milestones (Category/sub-category/item)	Amount Payable	Payment Reference to financial forms (Section VII)	(1) Supply and Installation of Hardware				1	Supply of Hardware at NEA office (Hardware should not be supplied before completion of UAT of IFMIS or RMS whichever is earlier- refer implementation)	90% of A1	{Refer amount A1 mentioned in Table A: Summary Supply and
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			schedule. However, Hardware required for development & testing purpose may be procured by the bidder.) Supporting Document: Hardware delivery document along with receipt acknowledge from NEA.		Installation Cost for each currency}		schedule. However, Hardware required for development & testing purpose may be procured by the bidder.) Supporting Document: Hardware delivery document along with receipt acknowledge from NEA.		Installation Cost for each currency}
		2	On Operational Acceptance of IFMIS or RMS, whichever is earlier. Supporting Document: Operational Acceptance Certificate issued by NEA	20% of A1		2	On Operational Acceptance of IFMIS or RMS, whichever is earlier. Supporting Document: Operational Acceptance Certificate issued by NEA	5% of A1	
		3	On completion of warranty period (Refer SCC for GCC Clause 29.4 for warranty period) Supporting Document: Operational Acceptance Certificate issued by NEA	5% of A1		3	On completion of warranty period (Refer SCC for GCC Clause 29.4 for warranty period) Supporting Document: Operational Acceptance Certificate issued by NEA	5% of A1	
		(2) Supply and Installation of Software (NEA will decide when the order for procurement of required licenses will be placed depending on the progress of the project and lead time for delivery of licenses)				(2) Supply and Installation of Software (NEA will decide when the order for procurement of required licenses will be placed depending on the progress of the project and lead time for delivery of licenses)			
		1	Delivery of IFMIS ERP License (The bidder needs to provide the details of delivery of application license in their technical bid including date of delivery of application licenses from the "Effective Date of Contract". Also, post commencement of the Project and before procurement of application license, the Supplier needs to take the required approval from NEA)	70% of respective module cost mentioned in Sl. No 1 of Table A2	{Refer amount in Sl. No 1 of Table A2: Cost of Software for each currency}	1	Delivery of IFMIS ERP License (The bidder needs to provide the details of delivery of application license in their technical bid including date of delivery of application licenses from the "Effective Date of Contract". Also, post commencement of the Project and before procurement of application license, the Supplier needs to take the required approval from NEA)	90% of respective module cost mentioned in Sl. No 1 of Table A2	{Refer amount in Sl. No 1 of Table A2: Cost of Software for each currency}

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			Supporting Document: 1.Proof for Software License Purchasing in the name of NEA				Supporting Document: 1.Proof for Software License Purchasing in the name of NEA		
		2	<p>Delivery of RMS Software</p> <p>(The bidder needs to provide the details of delivery of application in their technical bid including date of delivery of application from the "Effective Date of Contract". In case of COTS for RMS, the Supplier needs to take the required approval from NEA before procurement of application license)</p> <p>Supporting Document: 1. UAT Completion Report issued by NEA, 2. Software License Purchasing/Delivery Document</p>	70% of respective module cost mentioned in Sl. No 2 of Table A2	{Refer amount mentioned in Sl. No 2 of Table A2: Cost of Software for each currency}	2	<p>Delivery of RMS Software</p> <p>(The bidder needs to provide the details of delivery of application in their technical bid including date of delivery of application from the "Effective Date of Contract". In case of COTS for RMS, the Supplier needs to take the required approval from NEA before procurement of application license)</p> <p>Supporting Document: 1. UAT Completion Report issued by NEA, 2. Software License Purchasing/Delivery Document</p>	90% of respective module cost mentioned in Sl. No 2 of Table A2	{Refer amount mentioned in Sl. No 2 of Table A2: Cost of Software for each currency}
		3	<p>IFMIS ERP License (on Operational Acceptance of IFMIS)</p> <p>Supporting Document: 1. Operational Acceptance for IFMIS issued by NEA, 2. Software License Purchasing Document</p>	30% of respective module cost mentioned in Sl. No 1 of Table A2	{Refer amount in Sl. No 2 of Table A2: Cost of Software for each currency}	3	<p>IFMIS ERP License (on Operational Acceptance of IFMIS)</p> <p>Supporting Document: 1. Operational Acceptance for IFMIS issued by NEA, 2. Software License Purchasing Document</p>	10% of respective module cost mentioned in Sl. No 1 of Table A2	{Refer amount in Sl. No 2 of Table A2: Cost of Software for each currency}
		4	<p>RMS Software for Rollout (on Operational Acceptance of RMS)</p> <p>Supporting Document: 1. Operational Acceptance of RMS issued by NEA, 2. Software License Purchasing/Delivery Document</p>	30% of respective module cost mentioned in Sl. No 2 of Table A2	{Refer amount mentioned in Sl. No 2 of Table A2: Cost of Software for each currency}	4	<p>RMS Software for Rollout (on Operational Acceptance of RMS)</p> <p>Supporting Document: 1. Operational Acceptance of RMS issued by NEA, 2. Software License Purchasing/Delivery Document</p>	10% of respective module cost mentioned in Sl. No 2 of Table A2	{Refer amount mentioned in Sl. No 2 of Table A2: Cost of Software for each currency}
		5	Other standard software license (on Operational Acceptance of	100% of sum of	{Refer amount - sum	5	Other standard software license (on Operational Acceptance of	100% of sum of	{Refer amount - sum

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		IFMIS or RMS whichever is earlier) Supporting Document: 1. Operational Acceptance issued by NEA, 2. License Purchasing Document	other software costs mentioned in Table A2	of items of Table A2 except for Sl. No 1 & 2: Cost of Software for each currency}	IFMIS or RMS whichever is earlier) Supporting Document: 1. Operational Acceptance issued by NEA, 2. License Purchasing Document	other software costs mentioned in Table A2	of items of Table A2 except for Sl. No 1 & 2: Cost of Software for each currency}																
6.	Section VI 4.Implementation Schedule Table	<table border="1"> <thead> <tr> <th rowspan="2">Activities/Deliverables to be carried out by System Integrator (except specifically mentioned to be carried out by Purchaser/User)</th> <th colspan="2">Weeks from Effective Date (as per Article 3 of this bidding document)</th> </tr> <tr> <th>From (Start)</th> <th>To (Delivery/ Submission)</th> </tr> </thead> <tbody> <tr> <td>Post Go-Live O&M support (Refer Section VI for details on scope)</td> <td>53</td> <td>208</td> </tr> </tbody> </table>			Activities/Deliverables to be carried out by System Integrator (except specifically mentioned to be carried out by Purchaser/User)	Weeks from Effective Date (as per Article 3 of this bidding document)		From (Start)	To (Delivery/ Submission)	Post Go-Live O&M support (Refer Section VI for details on scope)	53	208	<table border="1"> <thead> <tr> <th rowspan="2">Activities/Deliverables to be carried out by System Integrator (except specifically mentioned to be carried out by Purchaser/User)</th> <th colspan="2">Weeks from Effective Date (as per Article 3 of this bidding document)</th> </tr> <tr> <th>From (Start)</th> <th>To (Delivery/ Submission)</th> </tr> </thead> <tbody> <tr> <td>Post Go-Live O&M support (Refer Section VI for details on scope)</td> <td>53</td> <td>156</td> </tr> </tbody> </table>			Activities/Deliverables to be carried out by System Integrator (except specifically mentioned to be carried out by Purchaser/User)	Weeks from Effective Date (as per Article 3 of this bidding document)		From (Start)	To (Delivery/ Submission)	Post Go-Live O&M support (Refer Section VI for details on scope)	53	156
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7.	SCC for GCC clause 13.3.4	<p>There are no Special Conditions of Contract applicable to GCC Clause 13.3.4</p> <p>After completion of warranty period (i.e. start of post warranty period) amount of performance security may be reduced to 50% of its original amount.</p>			<p>After Operational Acceptance of both IFMIS and RMS, amount of performance security may be reduced to 50% of its original amount.</p>																		
8.	Section VI 6.5.3 Data Base Servers and BI/Reporting Server S.No. 9	Should be configured with minimum 4 x dual ported 300 GB, 10K rpm, latest SAS/SCSI/FC/SSD Hot pluggable hard drives.			Should be configured with minimum 4 x 300 GB, 10K rpm, latest SAS/SCSI/FC/SSD Hot pluggable hard drives.																		
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10.	Section VI 6.5.5 SAN Storage S.No. 11 Disk Drive Support	Offered Storage Array shall support 6Gbps dual-ported 300 / 450 / 900GB hot-pluggable Enterprise SAS hard drives, 100 / 200 / 400 GB SLC SSD Drives along with SAS MDL 2TB / 3TB drives	Offered Storage Array shall support 6 Gbps 300 / 450 / 900GB hot-pluggable Enterprise SAS hard drives, 100 / 200 / 400 GB SLC SSD Drives along with SAS MDL 2TB / 3TB drives																																														
11.	Section VI 6.4 Resource Qualification and Experience Requirement Position No. 7	Qualification & Skills: <ul style="list-style-type: none"> • Post Graduate in IT/Power/ Engineering/Management or equivalent • Minimum 7 years of total experience out of which 5 years of relevant experience • ERP module Certification in Metering, Billing and Collection 	Qualification & Skills: <ul style="list-style-type: none"> • Post Graduate in IT/Power/ Engineering/Management or equivalent • Minimum 7 years of total experience out of which 5 years of relevant experience 																																														
12.	Section VI Service Level Requirements during Operation & Maintenance Period System Infrastructure Availability	<table border="1"> <thead> <tr> <th data-bbox="415 706 674 797">Service Level Description</th> <th colspan="2" data-bbox="682 706 1197 797">Measurement</th> </tr> </thead> <tbody> <tr> <td data-bbox="415 803 674 1440" rowspan="5"> System Infrastructure Availability (This availability is applicable on all ICT components of Data Centre and Backup site as proposed by Supplier) </td> <td colspan="2" data-bbox="682 803 1197 868">Availability of System Infrastructure shall be at least 99.5%</td> </tr> <tr> <td colspan="2" data-bbox="682 875 1197 917">Severity of Violation: High</td> </tr> <tr> <td data-bbox="682 924 919 1031">Availability over the quarterly period</td> <td colspan="2" data-bbox="928 924 1197 1031">Violations for calculation of penalty</td> </tr> <tr> <td data-bbox="682 1037 919 1079">< 99.5% & >= 99%</td> <td colspan="2" data-bbox="928 1037 1197 1079">1</td> </tr> <tr> <td data-bbox="682 1086 919 1128">< 99% & >= 98%</td> <td colspan="2" data-bbox="928 1086 1197 1128">2</td> </tr> <tr> <td data-bbox="682 1135 919 1177">< 98%</td> <td colspan="2" data-bbox="928 1135 1197 1177">3</td> </tr> <tr> <td colspan="3" data-bbox="682 1183 1197 1440"> RTO shall be less than or equal to three (3) hours. Severity of Violation: High Each instance of non-meeting this service level will be treated as two (2) violation. It will be measured during drill and/or actual case. </td> </tr> </tbody> </table>	Service Level Description	Measurement		System Infrastructure Availability (This availability is applicable on all ICT components of Data Centre and Backup site as proposed by Supplier)	Availability of System Infrastructure shall be at least 99.5%		Severity of Violation: High		Availability over the quarterly period	Violations for calculation of penalty		< 99.5% & >= 99%	1		< 99% & >= 98%	2		< 98%	3		RTO shall be less than or equal to three (3) hours. Severity of Violation: High Each instance of non-meeting this service level will be treated as two (2) violation. It will be measured during drill and/or actual case.			<table border="1"> <thead> <tr> <th data-bbox="1241 706 1514 797">Service Level Description</th> <th colspan="2" data-bbox="1522 706 2016 797">Measurement</th> </tr> </thead> <tbody> <tr> <td data-bbox="1241 803 1514 1440" rowspan="5"> System Infrastructure Availability (This availability is applicable on all ICT components of Data Centre and Backup site as proposed by Supplier) </td> <td colspan="2" data-bbox="1522 803 2016 868">Availability of System Infrastructure shall be at least 99.5%</td> </tr> <tr> <td colspan="2" data-bbox="1522 875 2016 917">Severity of Violation: High</td> </tr> <tr> <td data-bbox="1522 924 1759 1031">Availability over the quarterly period</td> <td colspan="2" data-bbox="1768 924 2016 1031">Violations for calculation of penalty</td> </tr> <tr> <td data-bbox="1522 1037 1759 1079">< 99.5% & >= 99%</td> <td colspan="2" data-bbox="1768 1037 2016 1079">1</td> </tr> <tr> <td data-bbox="1522 1086 1759 1128">< 99% & >= 98%</td> <td colspan="2" data-bbox="1768 1086 2016 1128">2</td> </tr> <tr> <td data-bbox="1522 1135 1759 1177">< 98%</td> <td colspan="2" data-bbox="1768 1135 2016 1177">3</td> </tr> <tr> <td colspan="3" data-bbox="1522 1183 2016 1440"> RPO (Recovery Point Objective) Should be zero data loss in case of synchronous mode of replication between DC and BCP and less than 15 minutes in case of asynchronous replication Severity of Violation: High </td> </tr> </tbody> </table>	Service Level Description	Measurement		System Infrastructure Availability (This availability is applicable on all ICT components of Data Centre and Backup site as proposed by Supplier)	Availability of System Infrastructure shall be at least 99.5%		Severity of Violation: High		Availability over the quarterly period	Violations for calculation of penalty		< 99.5% & >= 99%	1		< 99% & >= 98%	2		< 98%	3		RPO (Recovery Point Objective) Should be zero data loss in case of synchronous mode of replication between DC and BCP and less than 15 minutes in case of asynchronous replication Severity of Violation: High		
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13.	Page 608, 609	Section VI Bill of Quantity	Page no. 608 and 609 of bid document are invalid. (In case bid document is downloaded from PPMO website http://www.bolpatra.gov.np/egp , page 608 and 609 were added in the bid document by system default. Only pages from 1 to 607 are Valid.)
14.	Addendum-1	Page 2 Chapter: Bill of Quantity	Page 2 addendum-1 is invalid. (In case addendum is downloaded from PPMO website http://www.bolpatra.gov.np/egp , page 2 was added in the bid document by system default)
15.	Invitation For Bids	The Bidding documents are also available in the E-procurement section of PPMO's Web Site http://www.bolpatra.gov.np/egp .	The Bidding documents and other notices are also available on NEA's website www.nea.org.np . (Please select "Nepal India Electricity Transmission and Trade Project (NIETTP)" in the 'Search Office' box of https://www.nea.org.np/tender_prequalification)

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