

Ref. No. REC/DDUGJY/SBD/ 239

Dated: 22.08.2016

To
All Principal Secretary/Secretary (Energy/Power)

Sub: Standard Bidding Documents for full turnkey contracts under DDUGJY & IPDS

Dear Ma'M / Sir,

Consequent upon launch of DDUGJY & IPDS schemes, Standard Bidding Documents (SBD) for full turnkey projects were circulated to all States vide REC letter No. REC/DDUGJY/SBD DDUGJY/2585 dated 09.06.2015. Subsequently, New Initiative was taken by the Ministry of Power to mobilise Major High Value Sub-transmission & Distribution materials under DDUGJY & IPDS scheme vide OM No. 44/30/2015-RE dated 14.08.2015. Accordingly, Standard Bidding Documents of DDUGJY & IPDS were modified for partial turnkey execution. On approval of Ministry of Power, the Standard Bidding Documents for partial turnkey contracts were circulated to all States vide REC letter No. REC/DDUGJY/NIMM/SBD/546 dated 08.04.2016.

During a meeting held at MoP on 29.06.2016 under chairmanship of Hon'ble Minister of Power, a decision was taken that states are free to procure major high value materials on their own, if it is felt that their rates are lower than Central Procurement Prices. Accordingly, the States were allowed to float full turnkey contracts vide REC's letter No. REC/DDUGJY/NIMM/745 dated 26.07.2016.

In the process of making SBD for partial turnkey contracts, various changes were made in SBD originally prepared for full turnkey contracts. These changes were incorporated in SBD for partial turnkey contracts and circulated after approval of Monitoring Committee. Since states are now permitted to invite tenders on full turnkey / partial turnkey as per their suitability, we have incorporated those changes in originally created full turnkey SBD. However, it is requested to use revised Standard Bidding Documents (SBD) for full turnkey contracts, while ensuring the following:

- i. States shall ensure that all the provisions relating to GFR and instructions of CVC in the matter of procurement contracts shall be complied with.
- ii. A clause should be added at appropriate place(s) in the SBD to the effect that in case of conflict between the provisions (relating to financial criteria/parameters) of the SBD and the GFR, the provision of the latter (i.e. GFR) shall prevail.

An Advisory Inputs to Standard Bidding Documents is enclosed herewith for further needful action at your end before bidding. A checklist is also enclosed depicting various changes needed to customise these documents suiting project specific requirements.

Standard Bidding Documents may be customised as per specific needs of States with prior approval of State Level Standing Committee constituted for DDUGJY programme under chairmanship of Chief Secretary in view of principles of transparency, financial proprietary, fair competition etc.

Standard Bidding Documents have been uploaded on DDUGJY web portal.

This is for your kind information and necessary action please.

Thanking You.

Yours Sincerely,

(Dr. Dinesh Arora, IAS)
Executive Director (PMG)

Encl.: Advisory Inputs

Zonal Offices : Hyderabad, Kolkata, Mumbai, Panchkula & Lucknow
Project Offices : Bangalore, Bhopal, Bhubaneswar, Chennai, Guwahati, Jaipur, Jammu
Patna, Ranchi, Shillong, Shimla, Thiruvananthapuram & Vadodara
Sub Offices : Dehradun, Raipur
Training Centre : Central Institute for Rural Electrification (CIRES), Hyderabad



Advisory Inputs to Standard Bidding Document

All Employer/Owners are requested to go through bidding documents thoroughly before using it for the bidding purposes. Any state specific technical changes may be incorporated in the documents.

No	Description	Action
1	Quantities in Price schedule	The quantities in price schedule are kept blank. The Employer/Owner shall be required to fill up the quantities of various items in the Price schedules as per their requirements.
2	Check list	Various project specific details are to be updated by Employer/Owner to enable Standard Bidding Documents for Turnkey Contracts fit for their particular project. A check list showing all those changes are summarized and enclosed at Annexure I.
3	Sub-station	Employer/Owner to finalize type and capacity of Grid Substation before preparing BOQ quantities for Grid Substation. Two types of substations are envisaged in the documents. Employer/Owner shall select any one type of these two sub-station. <ul style="list-style-type: none"> a. Fully outdoor, and b. Partly outdoor.
4	Type testing	No type testing is envisaged in the DDUGJY/IPDS projects. But material having type tested design shall only be acceptable. Hence, the supplier has to submit type test certificate in support of materials like VCB, Battery, CTs, PTs, Power and Control cables.
5	Distribution Transformer	Standard ratings of Distribution Transformers as per IS 1180 (Part-I):2014 (along with its latest amendments) shall be used in DDUGJY/IPDS scheme. Non-standard ratings should not be used.
6	Award of substation contract	The zero date of specific contract of Power Substation shall be counted from availability of land and its handing over to turnkey contractor. Site levelling, approach road, retaining wall, layout of substation shall be responsibility of Project Manager. The contract shall only be awarded after above conditions are complied.
7	Form C issuance	Employer/Owner to examine at their end the possibility of issuance of concessional tax form C to turnkey contractor. In case, Employer/Owner is having difficulties in issuance of form C, the issue may suitably be addressed in the bid documents. Suitable changes in bid documents addressing this issue may be made by Employer/Owner.
8	Estimate for the work based on Price Schedule	Project Implementing Agencies are requested to prepare their estimate based on their approved latest Schedule of Rates. This would facilitate them to compare it with quoted rates of bidders to finalize the bid for award. The quoted price of bid should be compared with estimated cost so derived.
9	Cost of Bid Document	EMPLOYER/OWNER to decide the cost of their bid document and suitably incorporate changes in the condition in the Standard Bidding Documents.
10	E-tendering	The DDUGJY/IPDS works shall be awarded through e-tendering mode only. For this, Employer/Owner has to engage a service provider who would support them in uploading SBD on web portal, uploading results of Pre Bid Conference, On-line submission and opening of Price Schedules and other activities involved with e-tendering. The Employer/Owner shall be required to nominate their authorized officials to whom service provider will provide official permission of opening of bids/extension of bids etc. Employer/Owner must give at least 45 day time to bidders for submission of bids from date of uploading of bid document on web portal.
11	DC System	A Direct Current battery system of 30V has been specified in the SBD. Project Implementing Agencies may change the voltage requirement according to their standard practices.
12	Ambient Conditions	EMPLOYER/OWNER may stipulate the ambient conditions in equipment specification etc. according to environment conditions of their respective state / region.
13	Specification for 33/11 kV system	The BOQ and corresponding equipment specifications have been prepared for 33 KV Line and 33/11 KV Substation in the SBD. EMPLOYER/OWNER shall use such details as per their requirements.
14	Transformer Size for 33/11 kV substations	For 33/11 kV sub-station, standard ratings of Power Transformers upto 10 MVA have been specified in the SBD. EMPLOYER/OWNERS may use other standard

No	Description	Action
		ratings as per IS based on their specific requirement. For this SBD may suitably be amended.
15	CT ratio and PT Ratio and burden	EMPLOYER/OWNERS may use CT and PT ratio and burden according to prevailing practice in the state. The CT ratio may be chosen according to load conditions.
16	Short- Circuit Current ratings	A short-circuit current rating of 25 KA has been preferred in the equipment specification, looking into the increase in short-circuits current levels with load growth.
17	Continuous Current ratings	The continuous current ratings for 33 kV and 11kV equipment have been specified as 800 A and 1250 A respectively. EMPLOYER/OWNERS may specify ratings in consultation with the state utility.
18	LED Lamp	Upto 9 watts LED lamps are to be used in single phase consumer premises having screw type mounting facility. Detailed specifications of LED lamps are enclosed.
19	Other items not specifically shown	There may be some items whose details, technical specifications and drawings are not covered in enclosed documents. In all such locations, State practices are to be followed.
20	Type of Power substation	Two type of power substation are kept. One is fully outdoor and another is partly out door. EMPLOYER/OWNER will require to choose type of substation as per their requirement while preparing Bill of Quantities for the Bid.
21	Power Substation Structure	Two options have been kept for substation structures. One is with lattice structure and another is with H-Beam. EMPLOYER/OWNER may choose any one of these option and suitable correct the bid document. Price Schedule with both these options may also be suitably changes.
22	Earth mat	25 mm dia MS rod have been considered for earth mat. State may use other size of MS rod as per their state practice.
23	Cement/PCC/PSC/RCC pole	No specification for Cement/PCC/PSC/RCC poles have been provided in Standard Bid Documents. However, States are allowed to use these supports as per their standard State practices.
24	Capacitor bank	Capacitor banks of ratings 600 KVAR, 1200 KVAR and 1500 KVAR have been kept in Standard Bidding Documents. State may use capacitor bank capacity as per their practice/load requirement.
25	Price Schedule	In price schedule, both the type of substation (Fully outdoor & Partly outdoor) are kept. EMPLOYER/OWNER to take a decision on type of substation they want to use. Accordingly, price schedules shall be used.
26	LT line	New LT lines and Renovation of LT lines are considered with AB cable only. State may customize it as per their requirement if they want to renovate it on overhead conductor alignment.
27	Augmentation of lines	While executing augmentation of lines, mid span support wherever required shall be provided as per existing supports.
28	33 KV / 11 KV Lightning Arrester	11 KV Distribution Class lightening arresters are envisaged in distribution transformer substation. However, states having periodic lightening may use station class lightening arrester in distribution transformer substation. BoQ may therefore be suitably amended. Station class lightening arrester for 11 KV and 33 KV feeder protection are envisaged which are to be installed in 33/11 KV power substation. State may ensure this requirement of SBD.
29	SCADA Compatible Items	States shall prepare a schedule of SCADA compatible items which are allowed under IPDS scheme and would provide schedule of allowed items during bidding.
30	Boundary wall and building of substation	Technical Specification of boundary wall and substation building may be revised as per State practices and technical requirements. Suitable changes may be incorporated in Bid Documents. However, the type of boundary wall and substation building so selected should be clearly defined while inviting tender. Technical Specification, scope of work and Bill of Quantities shall be revised

No	Description	Action
		suitably before inviting tender.
31	LT Cables (XLPE/AB/PVC cable)	Standard Ratings of Cables are covered in bid documents. States may use other standard cable types as per their requirements. However, the type of cables so selected should be clearly defined while inviting tender. Technical Specification, scope of work and Bill of Quantities shall be revised suitably before inviting tender. Cables must be confirming to IS specifications. Non Standard types shall not be permitted as they are not complying to IS specifications.
32	Overhead conductors	Standard Ratings of ACSR overhead conductors are covered in bid documents. States may use other standard overhead conductors as per their requirements. However, the type of conductors so selected should be clearly defined while inviting tender. Technical Specification, scope of work and Bill of Quantities shall be revised suitably before inviting tender. Conductors must be confirming to IS specifications. Non Standard types shall not be permitted as they are not complying to IS specifications.
33	Vacuum Circuit Breaker, Control Panel, Battery Charger, Station Battery	General Technical Specifications are enclosed in Technical Specifications. State may ensure their suitability as per their practices. Any changes, may be incorporated to suit site requirement before inviting tenders. Necessary changes in technical specification, scope of work, bill of quantity may be incorporated before inviting bids.
34	Other items not specifically included in Technical Specifications	All required materials are captured in technical specification section. However, any specific items not covered under technical specification section may be included by State as per State practices in compliance to IS standards.
35	Safety	Standard CEA regulations shall be applicable during execution of works. List of such regulations are defined in clause 3.1 of Volume-I : Section-IV-"General Conditions of Contract". No changes on CEA regulation clause shall be permitted.
36	Defect Liability Period	<p>The Defect Liability Period of Twelve (12) months from the date of Taking Over /Completion of Facilities (or any part thereof) has been kept in Bid Documents. State may change the period so decided as per their standard practice. State may also incorporate provision of suitable bank guarantee in lieu of defect liability period as per State practices for which suitable changes may be incorporated in Bid Documents before inviting tender.</p> <p>However, closing of contract on completion of works shall not be linked with completion of such extended defect liability period beyond scheduled contract completion period.</p>
37	Make in India	All materials required for the works shall be manufactured in India. Imported materials are not envisaged for the works.
38	LD for non-performance of the equipment and differential price factor for LD	Wherever scope includes 66/11 KV substation, appropriate ratings and capacities should be added on account of 66/11 KV substations under GCC clauses 24.1, 24.2, relevant SCC and any other places as required.
39	Substation	<p>Employer/owner to finalize type and capacity of Grid Substation before preparing BOQ Quantities for Grid Substation. Three type of Substations are envisaged in the documents. Employer/owner shall select any one type of these substation-</p> <ul style="list-style-type: none"> a) Fully outdoor b) Partly outdoor c) Fully Indoor in case of GIS (For this specification & BOQ to be finalized

No	Description	Action
		by Employer)
40	DLMS Meter	All the Feeder meters (under DDUGJY & IPDS) and all DT meters under IPDS shall be installed with DLMS open protocol meters along with AMR facility and meter data to be integrated at Central Data center created under RAPDRP. The specification of meters must comply to specifications finalized by Committee-A under New Initiative of Material Mobilisation.
41	Mobilization Advance	The interest rate on mobilization advance has been kept as prevailing Base Rate of SBI. The interest rate on mobilization advance should not be less than the SBI base rate. The interest rate shall be calculated on the daily progressive balances outstanding as on the date of recovery/adjustment i.e. on daily rest basis.
42	Fund Release	The funds flow from REC to DISCOM to the contractor will be mandatorily under PFMS platform, so that expenditure/utilization of funds are tracked on real time basis.
43	Procurement guidelines	Procurement guidelines of GOI and CVC to be complied with. Most importantly, mandatory e-procurement for procurement of and above Rs. 2 Lakh value w.e.f. 01/04/2016.
44	Post bid Changes	Post bid changes shall not be permitted on contract conditions, technical specifications, scope of work etc.
45	Galvanization	100% Galvanised structure are to be used.

Checklist showing details to be filled up in Standard Bidding Documents to make it ready for project specific requirements

1. Volume-I : Section-I (Invitation for Bids – IFB)

S.No.	Heading	Page No., Clause No (Line No.)	Symbol to be filled	Content to be filled
1	Invitation for Bids	1, (3)	XXXX	Package name to be filled
2		1, (3)	XXXXX	District and state
3		1, (10)	DD.MM.YYYY	Date of Issuance of IFB
4		1, (12)	XXXX/@@@/\$\$\$\$	Specification No.
5		1, Clause no. 1(17)	DD.MM.YYYY	Date of invitation for bids in new paper
		1, Clause no. 1(19)	DD.MM.YYYY	Date of invitation for bid on Employer's website
6		1, Clause no. 2 (22)	XXXXXX	Employer name
		1, Clause no. 2 (22)	XXXXXX	Short name of Employer
7		1, Clause no. 2 (23)	XXXXXX	Name of District
8		1, Clause no. 2 (24)	XXXXXX	Name of State
9		1, Clause no. 2 (26)	XXXXXX	Name of DISCOM
10		1, Clause no. 2 (26)	XXXXXX	Name of State
11		1, Clause no. 2 (28)	XXXXXX	Name of State\DISCOM
12		1, Clause no. 2 (30)	XXXXXX	Name of State
13		1, Clause no. 2 (30)	XXXXXX	Short Name of Employer
14		1, Clause no. 2 (33)	XXXXXX	Name of State\DISCOM
15		1, Clause no. 2 (34)	XXXXXX	Short Name of Employer
16		1, Clause no. 2 (35)	XXXXXX	Name of State\DISCOM
17		1, Clause no. 3 (38)	XXXXXX	Short Name of Employer
18		1, Clause no. 3 (41), Sl.no-1	XXXXXX	Package Name
19		1, Clause no. 3 (41), Sl.no-1	XXXXXX	Name of District
20		1, Clause no. 3 (41), Sl.no-1	XXXXXX	Name of state
21		1, Clause no. 3.1 (57)	XXXXXX	Name of District
22		2, Clause no. 3.2 (66)	XXXXXX	Package Name
23		2, Clause no. 3.2 (66)	XXXXXX	Name of District
24		2, Clause no. 3.2 (67)	XXXXXX	Name of State
25		2, Clause no. 3.5 (77)	XXXXXX	Name of State
26		2, Clause no. 3.5 (77)	XXXXXX	Name of website address
27		2, Clause no. 6.0 (82)	XXXXXX	Designation of Officer of Employer
28		2, Clause no. 6.0 (83)	XXXXXX	Date of start of time to get document from Employer
29		2, Clause no. 7.0 (91)	XXXXXX	Name of Employer
30	2, Clause no. 7.0 (91)	XXXXXX	Name of city	
31	2, Clause no. 7.0 (92)	XXXXXX	Last date of Purchasing of Bid document	

32	Invitation for Bids	2, Clause no. 7.0 (92)	XXXXXX	Short Name of Employer
33		2, Clause no. 8.0 (108)	XXXXXX	Location of meeting
33		2, Clause no. 8.0 (109)	XXXXXX	Time of pre-bid meeting
34		2, Clause no. 9.1 (115)	XXXXXX	Closing Time of Bid submission
35		2, Clause no. 9.1 (116)	DD.MM.YYYY	Closing Date of Bid submission
36		2, Clause no. 9.1 (116)	DD.MM.YYYY	Date of Technical Bid opening
37		2, Clause no. 9.1 (123)	XXXXXXXXXXXX	Bid security
38		3, Clause no. 11.0 (139)	XXX-XXXXXXX	Telephone Nos (Direct)
39		3, Clause no. 11.0 (140)	XXX-XXXXXXX	Telephone Nos (Thru Board)
40		3, Clause no. 11.0 (141)	XXX-XXXXXXX	Fax No.

2. Volume-I: Section-II (Instruction to Bidders - ITB)

S.No .	Heading	Page No., Clause No (Line No.)	Symbol to be filled	Content to be filled
49	Instruction to Bidders	3, (23) Preamble	XXXXXXXXXX	Name of city
50		3, Clause no. 1(29)	***/**	Implementer of the project / Name of State power utility
51		14, Clause no. 13.2(704)	**	State power utility
		14, Clause no. 13.2(705)	**	Location/City of payment

3 Volume-I: Section-III BID DATA SHEETS(BDS)

Heading	Page No, SI No, Clause No (Line No)	Content to be filled
BID DATA SHEETS (BDS)	Page No. 1, Sl. No 1, ITB Clause No 1.1	Name and Address of Owner
	Page No. 1, Sl. No 2, ITB Clause No 1.1	Name and Address of Employer
	Page No. 1, Sl. No 5, ITB Clause No 6.1	Address of Employer
	Page No. 1, Sl. No 6, ITB Clause No 6.4	Venue, Date & Time of pre bid meeting
	Page No. 2, Sl. No 10, ITB Clause No 16.2 (a) & 16.2 (b)	Address for Bid submission & Name of Employer's representative with address
	Page No. 2, Sl. No 10, ITB Clause No 17.1	Deadline for submission of Bids
	Page No. 2, Sl. No 10, ITB Clause No 19.3 (a)	Bid Title
	Page No. 2, Sl. No 10, ITB Clause No 20.1	Bid envelope having Bid title
Volume-I: Annexure-A of Section-III : Qualification of the Bidder		
Annexure-A(BDS)	Page No. 1 (1)	Name of district
	Page No. 1 (1)	Name of State
Annexure-A(BDS)-Commercial	Page No. 5, Clause No 1.01.2 (5)	Name of State
	Page No. 6, Clause No 1.02.3 (10)	Minimum Average Annual Turnover of Bidder for best three years of Last Five years
	Page No. 6, Clause No 1.02.4 (15)	Liquid Asset Value of Bidder

4. VOLUME-I: SECTION - IV - GENERAL CONDITIONS OF CONTRACT (GCC)

Heading	Page No, Clause No (line no)	Content to be field
GENERAL CONDITIONS OF CONTRACT (GCC)	8, Clause No 2.14 (12)	High court of concerned state
	66, Clause No 39.3 (30)	Headquarter of employer

5. Volume-I: Section-V – Special conditions of contract (SCC)

Heading	Page No, S No, Clause No (Line no)	Content to be filled
Special conditions of contract	1, 1, GCC 1.1(o)	Name and Address of employer
	1, 2, GCC 1.1 (w)	Owner & State Name
	1, 3, GCC 1.1 (ee)	Package, project, state & spec name
	2, 5, GCC 8.3	Employer Name
	2, 8, GCC 10.6, XXXXX	Employer & DISCOM name

6. Volume-I: Section-VI – Sample Forms and Procedures

Heading	Page No (Line no)	Content to be filled
2. Bid Security Form	4(6)	Bank Guarantee No
	4(7)	Date
	4(11)	Name and Address of employer
	4(13)	name of Bidder
	4(13)	address of the Bidder
	4(14)	Name of the Bidder
	4(15)	Name of the Package
	4(15)	Specification No
	4(16)	Name of the Bid
	4(18)	Name & address of the issuing bank
	4(19)	Address of registered office of the bank
	4(20)	Name of the Bank
	4(20)	Name of Employer
	4(21)	Insert amount of Bid Security
	4(25)	Date of sealing of Bank
	5(2)	Date which shall be the date 30 days after the period of bid validity
	5 (11)	Name of The Authorized Bank representative
	5 (13)	Designation
	5 (15)	POA Number
	5 (17)	Contact Number(s): Tel, Mobile
	5 (19)	Fax Number
	5 (21)	Email
	5 (23)	Common Seal of the Bank
	5 (28)	Name of Witness
	5 (30)	Address
	5 (32)	Contact Number(s): Tel, Mobile
	5 (34)	Email
	1. BDS	5(51)
5(52)		Value in words
5(54)		Validity date
3a & 3b Form of notification by Employer to Bank	7(4), 8(5)	insert Name and Address of the issuing Bank
3a & 3b Form of notification by Employer to Bank	7(6), 8(7)	Bank Guarantee No & Date
3a & 3b Form of notification by Employer to Bank	7(24), 8(22)	Place of the Employer
3a & 3b Form of notification by Employer to Bank	7(13), 8(14)	Specification No
3a & 3b Form of notification by Employer to Bank	7(6), 8(7)	Validity of Bank Guarantee

3a & 3b Form of notification by Employer to Bank	7 (23,27), 8 (16,22)	Name of Employer
3a & 3b Form of notification by Employer to Bank	7 (12), 8 (14)	Name of Package
3b Form of notification by Employer to Bank	7(7, 12), 8 (8,12,19)	Name of the bidder
3b Form of notification by Employer to Bank	8(35)	Name and address of the bidder
4a. Form of 'notification of award of contract' for supply of plant and equipment	9(9)	Contractor's Name & Address
	9(18)	Name of the Package
	9(19)	Specification no
	9(27)	Date of invitation for bids
	9(29)	Ref no and date of letter of bidding document
	9(33)	Document code no of volume-I
	9(35)	Document code no of volume-II
	9(37)	Document code no of volume-III
	9(39)	Amendment/Errata No
	9(39), 10(1, 18)	letter no.
	10(2, 5, 43)	Date
	10(4, 14, 32)	Name of lead & other partner
	9(54), 10(5)	Reference no.
	10(21, 28), 11(37)	insert name of Package along with name of the Project
	11(9)	Specify the currency and the amount in figures & words
11(55)	Name of the Employer	
4b. Form of 'notification of award of contract' for supply of plant and equipment	13(12)	Contractor's Name & Address
	13(22)	Name of package
	13(22)	Specification no
	13(31)	Date of invitation for bids
	13(34)	Ref no and date of letter of bidding document
	13(38)	Document code no of volume-I
	13(41)	Document code no of volume-II
	13(45)	Document code no of volume-III
	13(47)	Amendment/Errata No.
	14(47)	Letter no.
	13(22),14(23, 27)	Insert name of Package along with name of the Project
5. Form of contract agreement [alternative-a]	16(4, 12,15)	Name of Employer
	16(8), 20(40)	Contract agreement no.
	16(17)	Registered address of employer
	16(14)	Corporate office address of employer
	16(15, 22)	Abbreviated name of employer

	16(38), 20(43)	Brief scope of work
	16 (38), 20(44)	Name of package with name of project
	18(5)	Award Ref. No
	18(17)	Document code no of Vol-I
	19(24)	Document code no of Vol-II
	19(30)	Document code no of Vol-III
	17 (37), 18 (21, 37)	insert name of Package alongwith name of the Project
5. Form of contract agreement [alternative-b]	21(6, 16)	Name of employer
	21(11), 25(46)	Contract agreement no.
	21(17)	Registered address of employer
	21(18)	Corporate office address of employer
	21(19, 26)	Abbreviated name of employer
	21(39), 25(47)	Brief scope of works
	21(43)	Name of package along with name of project
	23(10)	Award Ref. No.
	22(19)	Document code no of vol-I
	23(24)	Document code no of vol-II
	23(30)	Document code no of vol-III
Appendix 4 : time schedule	42, Sl. No. 1 – Table	Name of District and name of State
		Specification no
6. performance security form	47(10)	Name and address of employer
	47(15, 16)	Name of employer
	47(15)	Registered address of employer
	47(16)	Short name of employer
	47(17)	Short name of owner
	47(20, 36)	Brief scope of works
	47(21, 37)	Name of package along with name of project
7. bank guarantee form for advance payment	50(11)	Name and address of employer
	50(19)	Brief scope of works
	50(19)	Name of package along with name of project
8. form of taking over certificate	55(9)	Details of project manager
9. Indemnity bond for equipment handover in one lot	57(10)	Name of employer
	57(12)	Registered address of employer
	57(2, 13, 16,19,23,24,31), 56 (36, 38, 42, 45, 46), 57 (4, 7, 12, 20, 21, 25)	Abbreviated name of employer
10. Indemnity bond for equipment handover in installments	57(13, 16, 19, 23,24,32,35,38,41,44,47,48), 58(4,7,12,19,21,25))	Abbreviated name of employer
	59(10)	Name of employer

	59(11)	Registered address of employer
11. FORM OF AUTHORISATION LETTER	60(19)	Name of employer
	60(20)	Registered address of employer
	60(21)	Project location
12. FORM OF TRUST RECEIPT FOR PLANT, EQUIPMENT AND MATERIALS RECEIVED	62(5)	name of package with name of project
	62(5, 10)	Name of employer
13. form of extension of Bank Guarantee	63 (6)	Name and address of employer
	63 (12)	name of package with name of project
14. form of power of attorney for joint venture	65(13)	Specification no & package name
	65(14)	Name and address of the employer
15. form of undertaking by the joint venture partners	67 (12, 13)	Specification no. & Name of project along with package name
	67 (14)	Name of employer
	67 (15)	Registered Address of the employer
	67 (22)	Name of package with project name
16. format for Evidence of access to or availability of credit/ facilities	70 (6)	Name of employer
	70 (7)	Specification no & Name of package with project name
	70(5)	Name & Address of the Contractor
	70(7)	Name of the package along with the project name
18. form of safety plan to be submitted by the contractor with in sixty days of the contract	74 (12, 32), 75(8, 38, 54), 76(5, 8, 39), 77(5, 45) 78(15, 17)	Name of the employer
	74(13)	Registered address of the employer
	74(14)	Package name with project name with specification no
	74(17)	Abbreviated name of employer
19. form of joint deed of undertaking by subcontractor along with bidder/ contractor	85 (9),82(30)	Name of employer
	85(10,11)	Registered address of employer
	85(14)	Specification number
	85(15)	Project name

7. VOLUME-I: SECTION – VII SCOPE OF WORKS

Heading	Page No, Clause no (Line no)	Content to be filled
scope of work- 66/11 KV new substation	8, 1.00 (5)	Electrical details of substation
	8, 3.00 (33)	Nos of Bays & power transformer
	9, 3.00, (34 & 38)	Nos of 66/11 KV trf & type of conductor
	10, 3.00 (01 & 02)	Capacitor bank details
scope of work- 33/11 KV new substation	12, 1.00 (04)	Electrical details of new 33/11 KV substation
Scope of work- Ring Main Unit	72 (3,4,5 & 6)	Nos. of 33 & 11 KV RMUs
	72 (42)	Any site/ equipment approval
Scope of work- civil works & soil investigation	83, G.1 (10)	Name of equipment

8. VOLUME-II: SECTION –II (Bid Form, Bid Envelope)

Heading	Page No (Line No)	Clause No.	Content to be filled
Bid Forms (First Envelope)	1(4)	Bid forms (envelope)	Bid ref no & date
	1 (8,9)		Name of employer & Address
	1 (12)		Name of district & state
	1(15)		Specification number
	1(20)		Amendment Nos. with date
	1(36)	2 (a) Attachment 1	Name of Currency and amount
	8 (3)	Attachment-3(JV)	Name of District & State
	9 (3)	Attachment-3(QR)	Name of District & State
	19 (3)	Attachment-4	Name of District & State
	19 (9)		Name and address of employer
	20 (3)	Attachment-4A	Name of District & State
	20 (10)		Name and address of employer
	21 (3)	Attachment-4B	Name of District & State
	21 (10)		Name and address of employer
	22 (3)	Attachment-5	Name of District & State
	22 (8)		Name & Address of employer
	23 (3)	Attachment-6	Name of District & State
	23 (9)		Name & Address of employer
	24 (4)	Attachment-8	Name of District & State
	24 (11)		Name of employer
	26 (3)	Attachment-9	Name of District & State
	26 (8)		Name of employer
	28 (3)	Attachment-10	Name of District & State
28 (11)	Name of employer		

29 (3)	Attachment-11	Name of District & State
29 (7,10)		Name of employer
31 (3)	Attachment-12	Name of District & State
31 (9)		Name & Address of employer
32 (3)	Attachment-15	Name of District & State
32 (11)		Name of employer
35 (3)	Attachment-16	Name of District & State
35 (9)		Name & Address of employer
36 (6)		Name of employer
38 (3)	Attachment-17	Name of District & State
38 (9, 14)		Name & Address of employer
39 (3)	Attachment-18	Name of District & State
39 (9, 28)		Name & Address of employer
40 (3)	Attachment-19	Name of District & State
40 (9)		Name & Address of employer

9. VOLUME-III: SECTION –III (Price Schedules)

Heading	Schedule No (Line No)	Content to be field
Price Schedule 1 EXW supply	1-8 (2)	Name of project and State
Price Schedule 2 T&I	1-8 (2)	Name of project & state
Price Schedule 3 Erection	1-8 (2)	Name of project & State
Schedule 4	4 (2)	Name of project & State
Schedule 5	5 (2)	Name of project & State
Attachment-10	10 (1)	Specification Number
	10 (2)	Name of project & state
	10 (6,7)	Name & address of employer