

| 2X60 MW VYASI HYDRO ELECTRIC PROJECT | | | | | | | | | |
|--|--|---|----------------------------|------------------|--|---|--------------------|---------------------------|--|
| ENQ. No. PW/PE/PG/VYS/E-4863/2015, Dt.-01.06.2015 | | | | | | | | | |
| PRICE SCHEDULE FOR DOUBLE GIRDER POWER HOUSE HOT CRANE (225/35T), REV 00. | | | | | | | | | |
| S. No | DESCRIPTION OF EQUIPMENT/ ITEM | Qty | Total Ex-works price (Rs.) | ED @ (Rs.) | CS/VAIT @against C/EI form (Rs.) | Freight @ ... including service tax (Rs.) | Service Tax @....% | Total Lumpsum Price (Rs.) | |
| 1 | | 2 | | 5 | 6 | 7 | 8 | 9 | |
| 1.0 | Total lumpsum firm price for design and engineering, manufacture, quality assurance, quality control, shop assembly, inspection, shop testing at manufacturer's/sub vendor works, packing, transportation & delivery at site, of One (1) no. 225/35T capacity x 20.1 m span, 29.42 m lift, sixteen (16) wheeler crane for Power house with one (1) no 10T capacity x 32.25 m lift wire rope electric hoist running on ISMB below the crane girder along with PVC shrouded conductor bus bar type DSL and gantry rail for 56 m travel length complete with all accessories including all consumables like welding electrodes, oil, grease, paints etc and cradle, slings for load testing, wire rope slings pairs suitable for 10T, 35T and 225T capacity alongwith Erection and commissioning spares etc as per Technical Specification no PE-TS-407-501-A001 Rev 00. (Refer Annexure A) | 3 | | | | | NA | | |
| 2.0 | Total lumpsum firm price for design and engineering, manufacture, quality assurance, quality control, shop assembly, inspection, shop testing at manufacturer's/sub vendor works, packing, transportation & delivery at site of Mandatory spares parts (Break up at Annexure B). | 1 lot | | | | | NA | | |
| 3.0 | Total lumpsum firm price for design and engineering, manufacture, quality assurance, quality control, shop assembly, inspection, shop testing at manufacturer's/sub vendor works, packing, transportation & delivery at site of General spares parts (Break up at Annexure C). | 1 lot | | | | | NA | | |
| 4.0 | Total lumpsum firm price for design and engineering, manufacture, quality assurance, quality control, shop assembly, inspection, shop testing at manufacturer's/sub vendor works, packing, transportation & delivery at site of Maintenance tools and Tackles (Break up at Annexure D). | 1 lot | | | | | NA | | |
| 5.0 | Total lumpsum firm price for unloading and loading at site, site storage and preservation, all consumables like welding electrodes, oil, grease, paints etc, erection, testing and commissioning, field acceptance testing, training of the Employers personnel, handing over to Employer after commissioning of last unit of the Hydro power plant for One (1) no. 225/35T capacity x 20.1 m span, 29.42 m lift and 56 m travel length double girder EOT crane for Power house along with one (1) no 10T capacity x 32.25 m lift wire rope electric hoist running on ISMB below the crane girder along with all other accessories as per Technical Specification no PE-TS-407-501-A001 Rev 00. (Refer Annexure E) | 1 no. | | | NA | | | | |
| 6.0 | Total lumpsum firm price for operation and maintenance service for two years (i.e 24 crane months) including manpower, supervision, consumables, spares etc. of one no. 225/35T capacity crane with 10 T electric hoist after successful erection, commissioning & load testing as per Technical Specification no PE-TS-407-501-A001 Rev 00. (Refer Annexure F) | One crane for two years (24 crane months) | | | NA | | | | |
| 7.0 | Summation of total lump sum firm price of sl no 1.0 to 6.0 | | | | | | | | |
| NOTES 1 Bidder to note that total price indicated above at sl no 7.0 (excluding service tax on E & C and O&M) shall be considered for evaluation and hence should be complete in all respect for the full scope defined and considering all terms and conditions agreed. | | | | | | | | | |
| 2 Any item not included in the price quoted above and shown separately will not be taken cognizance of and the offer shall be liable for rejection. | | | | | | | | | |
| 3 Total Lumpsum price in Column (9) of sl no 7.0 above should match with summation of total prices as in [Column (8) of sl no 1.0 of Annexure- A + Column (8) of sl no 2.0 of Annexure- B + Column (8) of sl no 3.0 of Annexure- C+ Column (8) of sl no 4.0 of Annexure- D + Column (6) of sl no 5.0 of Annexure - E +Column (6) of sl no 6.0 Annexure - F] | | | | | | | | | |
| 4 As per cl. no. 3.0 of GCC Rev-06, Total erection & commissioning charges including service tax should be minimum 20% for as specified in (IT) of the total quoted package price (excluding mandatory spares, general spares and Maintenance Tools and Tackles but including all taxes and freight), failing which the break-up of prices shall be adjusted accordingly for ordering. | | | | | | | | | |
| 5 All deviations should be marked in Cost of withdrawal sheet (Annexure-G) only. Deviations marked elsewhere other than schedule of deviation shall not be taken into cognizance. | | | | | | | | | |
| Enclosures | | | | | | | | | |
| 1 Main supply - Annexure A | | | | | | | | | |
| 2 Mandatory spares with breakup -Annexure B | | | | | | | | | |
| 3 General spares with breakup -Annexure C | | | | | | | | | |
| 4 Maintenance Tools and Tackles with break up - Annexure D | | | | | | | | | |
| 5 Services (Erection and Commissioning) - Annexure E | | | | | | | | | |
| 6 Services (Operation and Maintenance)-Annexure F | | | | | | | | | |
| 7 Deviation schedule-Annexure G | | | | | | | | | |

| 2X60 MW VYASI HYDRO ELECTRIC PROJECT | | | | | | | ANNEXURE A |
|--|--|-------|----------------------------|------------------|--|---------------------|---------------------------|
| ENQ. No. PW/PE/PG/VYS/E-4863/2015, Dt:- 01.06.2015 | | | | | | | |
| MAIN SUPPLY - PRICE SCHEDULE FOR DOUBLE GIRDER POWER HOUSE EOT CRANE (225/35T) , REV 00. | | | | | | | |
| S. No | DESCRIPTION OF EQUIPMENT/ ITEM | Qty | Total Ex-works price (Rs.) | ED @ (Rs.) | CST/VAT @against C/EI form (Rs.) | Freight @ ... (Rs.) | Total Lumpsum Price (Rs.) |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1.0 | Total lumpsum firm price for design and engineering, manufacture, quality assurance, quality control, shop assembly, inspection, shop testing at manufacturer's/sub vendor works, packing, transportation & delivery at site, of One (1) no. 225/35T capacity x 20.1 m span, 29.42 m lift, sixteen (16) wheeler crane for Power house with one (1) no 10T capacity x 32.25 m lift wire rope electric hoist running on ISMB below the crane girder along with PVC shrouded conductor bus bar type DSL and gantry rail for 56 m travel length complete with all accessories including all consumables like welding electrodes, oil, grease, paints etc and cradle, slings for load testing, wire rope slings suitable for 10T, 35T and 225T capacity, Erection and commissioning spares etc as per Technical Specification no PE-TS-407-501-A001 Rev 00. (Break up at sl no. A below) | 1 no. | | | | | |
| NOTES | | | | | | | |
| 1) Any item not included in the price quoted above and shown separately will not be taken cognizance of and the offer shall be liable for rejection. | | | | | | | |
| 2) Any variation in length of DSL / gantry rail due to change in bay length will be adjusted based on unit rates arrived from b) and c) below. | | | | | | | |
| A. Break Up Prices of 1.0 | | | | | | | |
| a) | Total lumpsum firm price for design and engineering, manufacture, quality assurance, quality control, shop assembly, inspection, shop testing at manufacturer's/sub vendor works, packing, transportation & delivery at site for One (1) no. 225/35T capacity x 20.1 m span, 29.42 m lift, sixteen (16) wheeler crane for Power house with one (1) no 10T capacity x 32.25 m lift wire rope electric hoist running on ISMB below the crane girder including all consumables like welding electrodes, oil, grease, paints etc erection and commissioning spares complete with all accessories. | 1 no. | | | | | |
| b) | Total lumpsum firm price for design and engineering, manufacture, quality assurance, quality control, shop assembly, inspection, shop testing at manufacturer's/sub vendor works, packing, transportation & delivery at site for PVC shrouded conductor bus bar type DSL for 56 M bay length complete with all accessories. | 1 set | | | | | |
| c) | Total lumpsum firm price for design and engineering, manufacture, quality assurance, quality control, shop assembly, inspection, shop testing at manufacturer's/sub vendor works, packing, transportation & delivery at site for Gantry rail along with sole plate, anchor bolts etc for 56 M bay length complete with all accessories. | 1 set | | | | | |
| d) | Total lump sum firm price for design and engineering, manufacture, quality assurance, quality control, shop assembly, inspection, shop testing at manufacturer's/sub vendor works, packing, transportation & delivery at site of 3.5 Core Power copper flexible cable 100m long of suitable size as per load calculation for commissioning & testing of EOT Crane till charging of complete DSL. | 1 set | | | | | |
| e) | Lump sum firm price for design and engineering, manufacture, quality assurance, quality control, shop assembly, inspection, shop testing at manufacturer's/sub vendor works, packing, transportation & delivery at site of slings consisting of one pair of slings of 10 T, 35 T & 225 T capacity & each of 8 meter length along with suitable storage rack/s. | 1 lot | | | | | |
| f) | Total lumpsum firm price for design and engineering, manufacture, quality assurance, quality control, shop assembly, inspection, shop testing at manufacturer's/sub vendor works, packing, transportation & delivery at site of cradles and slings for load/overload testing on non returnable basis. | 1 set | | | | | |
| B. | Total of (a to f) should match with 1.0 above. | | | | | | |

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| 2X60 MW VYASI HYDRO ELECTRIC PROJECT | | ANNEXURE B | | | | | |
|--|---|------------|----------------------------|---------------|--|---|---------------------------|
| ENQ. No. PW/PE/PG/VYS/E-4863/2015, Dt:- 01.06.2015 | | | | | | | |
| SUPPLY OF MANDATORY SPARES OF PRICE SCHEDULE FOR DOUBLE GIRDER POWER HOUSE EOT CRANE (225/35T)- REV 00 | | | | | | | |
| S. No | DESCRIPTION OF EQUIPMENT/ ITEM | Qty | Total Ex-works price (Rs.) | ED @... (Rs.) | CST/VAT @ ... against C /EI form (Rs.) | Freight @ ... including service tax (Rs.) | Total Lumpsum Price (Rs.) |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 2.0 | Total lumpsum firm price for design and engineering, manufacture, quality assurance, quality control, shop assembly, inspection, shop testing at manufacturers/sub vendor works, packing, transportation & delivery at site of Mandatory spares parts | 1 lot | | | | | |
| A. | Break Up Prices of 2.0 | | | | | | |
| 1 | Main hoist | | | | | | |
| 1.1 | Wire rope | One length | | | | | |
| 1.2 | Contactor and springs for master controller | One set | | | | | |
| 1.3 | Brake solenoid coils complete | One set | | | | | |
| 1.4 | Brake lining complete with rivets etc. for each brake supplied | One set | | | | | |
| 1.5 | Electric motor of each type | One no. | | | | | |
| 1.6 | Limit switches of each type | Two sets | | | | | |
| 2 | Auxiliary hoist | | | | | | |
| 2.1 | Wire rope | One length | | | | | |
| 2.2 | Contactor and springs for master controller | One set | | | | | |
| 2.3 | Brake solenoid coils complete | One set | | | | | |
| 2.4 | Brake lining complete with rivets etc. for each brake supplied | One set | | | | | |
| 2.5 | Electric motor of each type | One no. | | | | | |
| 2.6 | Limit switches of each type | Two sets | | | | | |
| 3 | Bridge drive | | | | | | |
| 3.1 | Contacts for main runway collectors | One Set | | | | | |
| 3.2 | Contacts and springs for controller | One Set | | | | | |
| 3.3 | Brake solenoid coils complete | One Set | | | | | |
| 3.4 | Electric motor of each type | One No. | | | | | |
| 3.5 | Brake lining complete with rivets etc. | Two Sets | | | | | |
| 3.6 | Limit Switches of each type | One Set | | | | | |
| 4 | Trolley drive | | | | | | |
| 4.1 | Contacts and springs for controller | One Set | | | | | |
| 4.2 | Brake solenoid coils complete | One Set | | | | | |
| 4.3 | Brake lining complete with rivets etc. | One Set | | | | | |
| 4.4 | Electric motor of each type | One No | | | | | |
| 4.5 | Limit Switches of each type | One Set | | | | | |
| 5 | Monorail (only for Power House EOT crane) | | | | | | |
| 5.1 | Wire rope | One length | | | | | |
| 5.2 | Electric motor of each type | One No. | | | | | |
| 5.3 | Brake solenoid coils, lining etc. of each type | Two sets | | | | | |
| 5.4 | Overload relay each type | One set | | | | | |
| 5.5 | Push button each type | One set | | | | | |
| 5.6 | Limit switches of each type | Two sets | | | | | |
| 5.7 | Coupling complete with coupling bolts, rubber sleeves etc. each type | One set | | | | | |
| 5.8 | Contacts of each type and size | One set | | | | | |
| 6 | Other miscellaneous spares | | | | | | |
| 6.1 | Circuit breaker of each type | One set | | | | | |
| 6.2 | Springs, O rings, oil seals, gaskets, packing etc. of each size and type for complete crane | Two set | | | | | |
| 6.3 | Printed Circuit Board of each type (with components) | One set | | | | | |
| 6.4 | Fuses of each type and size including Fast Acting Fuses used in Thyristor circuits | Two Sets | | | | | |
| 6.5 | Indicating lamps each type | Ten Sets | | | | | |
| 6.6 | Indicating light assembly of each type | One set | | | | | |

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SUPPLY OF MANDATORY SPARES OF PRICE SCHEDULE FOR DOUBLE GIRDER POWER HOUSE EOT CRANE (225/35T)- REV 00

| S.No | DESCRIPTION OF EQUIPMENT/ ITEM | Qty | Total Ex-works price (Rs.) | ED @... (Rs.) | CST/VAT @ ...against C /EI form (Rs.) | Freight @ ... including service tax (Rs.) | Total Lumpsum Price (Rs.) |
|-----------|--|---------------------------|----------------------------|---------------|---------------------------------------|---|---------------------------|
| | 2 | | 4 | 5 | 6 | 7 | 8 |
| 6.7 | Overload relays each type | One Set | | | | | |
| 6.8 | Couplings complete with coupling bolts, rubber sleeves etc. each type and size | One Set | | | | | |
| 6.9 | Bearings for wheels, gear boxes motors etc. for complete crane | One Set | | | | | |
| 6.1 | Push button each type | One Set | | | | | |
| 6.11 | Thyristors and diodes of each type | Six no. | | | | | |
| 6.12 | Control switch of each type | One set | | | | | |
| 6.13 | Disconnecting switch of each type | One set | | | | | |
| 6.14 | Terminal block of each type | One set | | | | | |
| 6.15 | Resistor of each type | One set | | | | | |
| 6.16 | Condenser of each type | One set | | | | | |
| 6.17 | Fuse block of each type | One set | | | | | |
| 6.18 | Plug connector of each type | One set | | | | | |
| 6.19 | Plug module of each type | One set | | | | | |
| 6.2 | LV power cable each type | 10% of Installed quantity | | | | | |
| 6.21 | Control cable each type | 10% of Installed quantity | | | | | |
| 6.22 | Communication cable each type | 10% of Installed quantity | | | | | |
| 6.23 | Lugs of each size | 10% of Installed quantity | | | | | |
| 6.24 | Coaxial cables | 10% of Installed quantity | | | | | |
| 6.25 | Cable glands of each size | 20% of Installed quantity | | | | | |
| 6.26 | Junction boxes of each size | 20% of Installed quantity | | | | | |
| 6.27 | Cable tray of each size | 10% of Installed quantity | | | | | |
| 6.28 | Cable supports, hardware etc | 20% of Installed quantity | | | | | |
| B. | Total Price of Mandatory Spares (should matched with 2.0 above) | | | | | | |

Note 1 For details refer clause sl no 1.2.0 . Scope of Supply (Spares) of Technical Specification no PE-TS-407-501-A001 Rev 00.

2 One Set is defined as the total number required for one crane.

3 Bidder to note that total price indicated above at sl no B shall be considered for evaluation & hence must be completed in all respect for the full scope.

4 If any item is not applicable due to vendor's specific design, its equivalent spare/s shall be quoted.

5 Any item which quoted as "not applicable" in the above list and is found to be applicable at a later date shall be supplied by the Bidder without any extra cost.

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| | | 2X60 MW VYASI HYDRO ELECTRIC PROJECT | | | | ANNEXURE C | |
|-------------|--|--|----------------------------|--------------|------------------------------------|---|---------------------------|
| | | ENQ. No. PW/PE/PG/VYS/E-4863/2015, Dt:- 01.06.2015 | | | | | |
| | | SUPPLY OF GENERAL SPARES FOR DOUBLE GIRDER POWER HOUSE EOT CRANE (225/35T), REV 00 | | | | | |
| S.No | DESCRIPTION OF EQUIPMENT/ ITEM | Qty | Total Ex-works price (Rs.) | ED @ ..(Rs.) | CST/MAT@... Against C/E1 form(Rs.) | Freight @ ... including service tax (Rs.) | Total Lumpsum Price (Rs.) |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 3.0 | Total lumpsum firm price for design and engineering, manufacture, quality assurance, quality control, shop assembly, inspection, shop testing at manufacturer's/sub vendor works, packing, transportation & delivery at site of General spares parts | 1 lot | | | | | |
| A. | Break Up Prices of 3.0 | | | | | | |
| a) | Spare Parts subjected to Wear and Tear. | | | | | | |
| 1 | Facing rings of mechanical seals | Two (2) complete sets | | | | | |
| 2 | Protection sleeves | Two (2) complete sets | | | | | |
| 3 | Carbon brushes for motors (if applicable) | Two (2) complete sets | | | | | |
| 4 | Inserts of filters | Two (2) complete sets | | | | | |
| 5 | Bearing bushings | Two (2) complete sets | | | | | |
| 6 | Brake liners | Two (2) complete sets | | | | | |
| 7 | Pickings | Two (2) complete sets | | | | | |
| 8 | Roller bearing for rotating shafts and seals for rotating shaft | Two (2) complete sets | | | | | |
| 9 | Driving belts | Two (2) complete sets | | | | | |
| 10 | Wearing parts of couplings | Two (2) complete sets | | | | | |
| 11 | Frequently actuated springs | Two (2) complete sets | | | | | |
| 12 | Outdoor installed pressure hoses | Two (2) complete sets | | | | | |
| | Total of (a) | | | | | | |
| NOTE | One Set is defined as the total number required for one crane. | | | | | | |
| b) | Customary Spare Parts: | | | | | | |
| 1 | Seals, gaskets and packing | "X" Complete Sets related to "Identical Assemblies" | | | | | |
| 2 | Thermometer, manometer, flow meter, level indicator (with and without contacts) | "X" Complete Sets related to "Identical Assemblies" | | | | | |
| 3 | Transducer 4/20 mA for position, pressure, temperature, flow | "X" Complete Sets related to "Identical Assemblies" | | | | | |
| 4 | Indoor installed pressure hoses | "X" Complete Sets related to "Identical Assemblies" | | | | | |
| 5 | Lamps, signal lamps, push button and switches | "X" Complete Sets related to "Identical Assemblies" | | | | | |
| 6 | Fuses, clamps | "X" Complete Sets related to "Identical Assemblies" | | | | | |
| 7 | Limit switches, auxiliary relays, pressure switches | "X" Complete Sets related to "Identical Assemblies" | | | | | |
| 8 | Roller bearings, sleeves and bushings for movable parts including for spherical joints | "X" Complete Sets related to "Identical Assemblies" | | | | | |
| 9 | Ball bearings. | "X" Complete Sets related to "Identical Assemblies" | | | | | |
| 10 | Resistance thermometer without indicator | "X" Complete Sets related to "Identical Assemblies" | | | | | |
| 11 | Motor & starters, contacts for feeder switches | "X" Complete Sets related to "Identical Assemblies" | | | | | |

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2X60 MW VYASI HYDRO ELECTRIC PROJECT

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SUPPLY OF GENERAL SPARES FOR DOUBLE GIRDER POWER HOUSE EOT CRANE (225/35T) , REV 00

| S.No | DESCRIPTION OF EQUIPMENT/ ITEM | Qty | Total Ex-works price (Rs.) | ED @ ... (Rs.) | CST/VAT @ ... Against C/E1 form (Rs.) | Freight @ ... including service tax (Rs.) | Total Lumpsum Price (Rs.) |
|-----------|--|--|----------------------------|----------------|---------------------------------------|---|---------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 12 | Springs | "X" Complete Sets related to "Identical Assemblies" | | | | | |
| 13 | Shut off valves and cocks | "X" Complete Sets related to "Identical Assemblies" | | | | | |
| 14 | Globe valves, needle valves or butterfly valves | "X" Complete Sets related to "Identical Assemblies" | | | | | |
| 15 | Non return valves | "X" Complete Sets related to "Identical Assemblies" | | | | | |
| 16 | Pressure relieve valves | "X" Complete Sets related to "Identical Assemblies" | | | | | |
| 17 | Pressure reducing valves | "X" Complete Sets related to "Identical Assemblies" | | | | | |
| 18 | All solenoid valves | "X" Complete Sets related to "Identical Assemblies" | | | | | |
| 19 | Safety valves | "X" Complete Sets related to "Identical Assemblies" | | | | | |
| 20 | Aeration and venting valves | "X" Complete Sets related to "Identical Assemblies" | | | | | |
| 21 | Float controlled valves | "X" Complete Sets related to "Identical Assemblies" | | | | | |
| | Total of (b) | | | | | | |
| NOTE | The quantity "X" which shall be furnished is a function of the number "N" of supplied "Assemblies" or "Valves and Gates" identical in type and size. $N < 3 X = 1$; $N < 10 X = 2$; $N > 10 X = N/10 + 1$, rounded & up to the next higher whole number. one set shall be defined as the total quantity for one assembly | | | | | | |
| c) | Other requirements | | | | | | |
| 1 | All bolts, screws, nuts, washers, spanner rings and cotters | 5%, but at least two pieces | | | | | |
| 2 | Painting material | 5 % of the quantity but at least one litre, in new sealed containers | | | | | |
| 3 | Bolts, screws, nuts, washer, spanner rings and cotters with a nominal diameter of more than 80 mm | One set | | | | | |
| 4 | Roller bearings, bearing shells, sleeves and bushings for movable parts including for spherical joints with an inner diameter of more than 200 mm | One set | | | | | |
| | Total of (c) | | | | | | |
| B. | Total of (a + b + c) above shopuld match with 3.0 above | | | | | | |

Note 1. For details refer clause sl no 1.2.0. Scope of Supply (Spare) of Technical Specification no PE-TS-407-501-A001 Rev 00.

2 One Set is defined as the total number required for one crane.

3 Bidder to note that total price indicated above at sl no B shall be considered for evaluation & hence must be completed in all respect for the full scope.

4 If any item is not applicable due to vendor's specific design, its equivalent spare/s shall be quoted.

5 Any item which quoted as "not applicable" in the above list and is found to be applicable at a later date shall be supplied by the Bidder without any extra cost.

6 If the same spare parts are listed twice under "General Spare Parts" as well as under "Mandatory Spare Parts", the quantity listed under "Mandatory Spare Parts" shall take priority over the quantity stipulated under "General Spare Parts".

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| 2X60 MW VYASI HYDRO ELECTRIC PROJECT | | | | | | | ANNEXURE D |
|--|--|-------|----------------------------|---------------|---------------------------------------|---|---------------------------|
| ENQ. No. PW/PE/PG/VYS/E-4863/2015, Dt:- 01.06.2015 | | | | | | | |
| MAINTENANCE TOOLS AND TACKLES FOR DOUBLE GIRDER POWER HOUSE EOT CRANE (225/35T) , REV 00 | | | | | | | |
| S.No | DESCRIPTION OF EQUIPMENT / ITEM | Qty | Total Ex-works price (Rs.) | ED @ ...(Rs.) | CST/VAT@..... Against C/E1 form (Rs.) | Freight @ ... including service tax (Rs.) | Total Lumpsum Price (Rs.) |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 4.0 | Total lumpsum firm price for design and engineering, manufacture, quality assurance, quality control, shop assembly, inspection, shop testing at manufacturer's/sub vendor works, packing, transportation & delivery at site of Maintenance tools and Tackles | 1 lot | | | | | |
| A. | Break Up Prices of 4.0 | | | | | | |
| a | Complete set of ring spanners (Indicate the sizes offered) | 1 Set | | | | | |
| b | Complete set of screwdrivers (Min. 6 Nos., Indicate the sizes) | 1 Set | | | | | |
| c | Adjustable Spanner | 1 No | | | | | |
| d | Insulated plier | 1 No | | | | | |
| e | Torque Wrench | 1 No | | | | | |
| f | Hand operated grease Gun | 1 No | | | | | |
| g | Oil Gun. | 1 No | | | | | |
| h | Hand Lamp. | 1 No | | | | | |
| i | Line tester | 1 No | | | | | |
| j | 10T hydraulic jacks | 2 Nos | | | | | |
| k. | Any other tools and tackles required as per supplier. | 1 set | | | | | |
| B. | TOTAL (a to k) should match with 4.0 above | | | | | | |
| Note | Above tool and tackles (except for hydraulic jack) along with one copy of O&M manual in the toolbox shall be supplied. Any other equipment / item not mentioned but required for successful operation of Unloading bay EOT crane shall be supplied by the Vendor without any price implication. | | | | | | |

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| ANNEXURE E | | | | | |
|--|--|-------|---------------------|------------------------------------|---------------------------|
| 2X60 MW VYASI HYDRO ELECTRIC PROJECT | | | | | |
| ENQ. No. PW/PE/PG/VYS/E-4863/2015, Dt:- 01.06.2015 | | | | | |
| SCOPE OF SERVICES (ERECTION AND COMMISSIONING)- PRICE SCHEDULE FOR DOUBLE GIRDER POWER HOUSE EOT CRANE (225/35T) -REV 00 | | | | | |
| S. No | DESCRIPTION OF EQUIPMENT/ ITEM | Qty | E & C Charges (Rs.) | Service tax @ for E & C (Rs.) | Total Lumpsum Price (Rs.) |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 5.0 | Total lumpsum firm price for unloading and loading at site , site storage and preservation, all consumables like welding electrodes, oil , grease, paints etc, erection, testing and commissioning, field acceptance testing, training of the Employers personnel, handing over to Employer after commissioning of last unit of the Hydro power plant for One (1) no. 225/35T capacity x 20.1 m span, 29.42 m lift and PVC shrouded conductor bus bar & gantry rail for 56 m travel length double girder EOT crane for Power house along with one (1) no 10T capacity x 32.25 m lift wire rope electric hoist running on ISMB below the crane girder along with all other accessories as per Technical Specification no PE-TS-407-501-A001 Rev 00. | 1 no. | | | |
| NOTES | | | | | |
| 1) Any item not included in the price quoted above and shown separately will not be taken cognizance of and the offer shall be liable for rejection. | | | | | |
| 2) Any variation in length of DSL or gantry rail due to change in bay length will be adjusted based on unit rates arrived from b) and c) below. | | | | | |
| A. Break Up Prices | | | | | |
| a) | Total lumpsum firm price for unloading and loading at site ,site storage and preservation, all consumables like welding electrodes, oil , grease, paints etc, erection, testing and commissioning, field acceptance testing, training of the Employers personnel, handing over to Employer after commissioning of last unit of the Hydro power plant for One (1) no. 225/35T capacity x 20.1 m span, 29.42 m lift double girder EOT crane for Power house along with one (1) no 10T capacity x 32.25m lift wire rope electric hoist running on ISMB below the crane girder along with all other accessories. | 1 no. | | | |
| b) | Total lumpsum firm price for unloading and loading at site , site storage and preservation, all consumables like welding electrodes, oil , grease, paints etc, erection, testing and commissioning, field acceptance testing, training of the Employers personnel, handing over to Employer after commissioning of last unit of the Hydro power plant for PVC shrouded conductor bus bar type DSL for 56 M bay length complete with all accessories . | 1 set | | | |
| c) | Total lumpsum firm price for unloading and loading at site , site storage and preservation, all consumables like welding electrodes, oil , grease, paints etc, erection, testing and commissioning, field acceptance testing, training of the Employers personnel,handing over to Employer after commissioning of last unit of the Hydro power plant for Gantry rail along with sole plate, anchor bolts etc for 56 M bay length complete with all accessories. | 1 set | | | |
| d) | Lump sum price for unloading and loading at site , site storage and preservation, all consumables like welding electrodes, oil , grease, paints etc, erection, testing and commissioning, field acceptance testing, training of the Employers personnel, handing over to Employer after commissioning of last unit of the Hydro power plant for 3.5 Core Power copper flexible cable 100mm long of suitable size as per load calculation for commissioning & testing of EOT Crane till charging of complete DSL. | 1 set | | | |
| B. Total of (a to d) should match with 5.0 above | | | | | |

| 2X60 MW VYASI HYDRO ELECTRIC PROJECT | | | | | ANNEXURE F |
|--|---|--|-----------------------------|---|---------------------------|
| ENQ. No. PW/PE/PG/VYS/E-4863/2015, Dt:- 01.06.2015 | | | | | |
| SCOPE OF SERVICES (OPERATION AND MAINTENANCE SERVICE)- PRICE SCHEDULE FOR DOUBLE GIRDER POWER HOUSE EOT CRANE (225/35T) - REV 00 | | | | | |
| S. No | DESCRIPTION OF EQUIPMENT / ITEM | Qty | O & M service charges (Rs.) | Service tax @ ... for O & M service (Rs.) | Total Lumpsum Price (Rs.) |
| 1 | | 3 | 4 | 5 | 6 |
| 6.0 | Total lumpsum firm price for operation and maintenance service for two years (i.e 24 crane months) including manpower, supervision, consumables , spares etc. of one no. 225/35T capacity crane with 10 T electric hoist after successful erection, commissioning & load testing as per Technical Specification no PE-TS-407-501-A001 Rev 00. | One crane for two years (24 crane months) | | | |
| NOTES | | | | | |
| 1) Any item not included in the price quoted above and shown separately will not be taken cognizance of and the offer shall be liable for rejection. | | | | | |
| 2) Bidder to note that for comparison amongst bidders, two years rate quoted for O & M service shall be considered while payment shall be made on pro rata monthly basis , based on per monthly rate derived from the price quoted by bidder . | | | | | |
| 3) Operation service and /or Maintenance service shall be extendable on yearly basis on rates quoted herein , till commissioning of last unit of the Hydro power plant. | | | | | |
| A. Break Up Prices of 6.0 | | | | | |
| a) | Total lumpsum firm price for Operation service for two years (i.e 24 crane months) for one no. 225/35T capacity crane with 10 T electric hoist including manpower & supervision after successful load testing of crane at site . | One crane for two years (24 crane months) | | | |
| b) | Total lumpsum firm price for Maintenance service for two years (i.e 24 crane months) for one no. 225/35T capacity crane with 10 T electric hoist including manpower ,supervision, consumables , spares etc. Maintenance period shall start after completion of Guarantee/ Warrantee period. | One crane for two years (24 crane months) | | | |

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