Name of the work	Replacement of old and damaged pole and conductor of LT line
	in Bermo basti, hill-top colony, sukru file area under Bokaro
	colliery., B&K Area
NIQ No. & date	BOKARO/E&M/NIQ/OTH/20-21/ dt-26/02/2021 & Quotation notice no-16 of
	2020-2021
	SI no-01
INPUT TAX CREDIT AVAILABLE / NOT	
AVAILABLE	
RATE OF GST (in%)	18%
STATUS OF BIDDER W.R.T. GST	(a) GST REGISTERED BIDDER ()
[PLEASE MARK (V) AS APPLICABLE]	(b) GST UN-REGISTERED BIDDER ()

SI.	Description of work	Qnty.	Rate/U	Amount
No.				in Rs.
1	Erection of Metallic pole of above 08 meter and upto 10 meter in cement concrete 1:3:6:	12 no.		
	(1cement:3coarse sand:6graded stone aggregate 40mm nominal size) foundation			
	including excavation and refilling etc. as required.			
2	Supplying and erection of stay set complete (galvanized) with 19/20mm dia x 1.8 metres	04 no.		
	long stay rod, anchor plate of size 45cm x 45cm x 7.5mm, thimble, stay clamps, bow			
	tightener, 7/3.15mm dia GI stay wire and strain insulator etc. in cement concrete 1:3:6 (1			
	cement: 3 coarse sand: 6 graded stone aggregate 40mm nominal size) foundation including excavation and refilling etc. as required.			
3	Erection of all aluminum conductor of $7/3.40$ mm to $7/4.00$ mm diameter and above including binding etc as required. $3x4x40=480 \times .214=102.72$, $8x2x40=640 \times .214=136.96$	240 kg		
		06 1		
4	Supplying and erection of channel iron 75mm x 40mm x 6mm (7.14kg per metre) cross	06 set.		
	arm for 2 wire overhead line complete with clamps, bolts nuts and washer etc. including drilling of holes for insulator pins, bolts and nuts etc. (as per drawing) and painting with			
	primer and finished paint as required.			
5	Supplying and erection of channel iron 75mm x 40mm x 6mm (7.14kg per metre) cross	05 set		
	arm for 4 wire overhead line complete with clamps, bolts nuts and washer etc. including			
	drilling of holes for insulator pins, bolts and nuts etc. (as per drawing) and painting with primer and finished paint as required.			
6	Supply and erection of 100mmx80mm pin insulator complete with G.I. spindle and nuts	08 set.		
	etc. as required.			
7	Supply and erection of 75 mm x 90 mm shackle insulator with G.I. Bolt, nuts and straps etc	10 set.		
	as required.			
8	Supply and erection of 6 SWG GI wire for earth cradling	70 kg		
9	Dismantling of overhead lines comprising of copper/aluminum overhead conductor, G.I.	200 kg		
	wire, cross arms insulators etc as required.10.			
10	Transporting of pole from different places to site.	12 no.		
11	Dismantling of poles	12 nos		
Mate.	Didden and manufacture whether mate in figure 0 and a late			

Note: Bidders are requested to quote their rate in figure & words both

P.E(E&M)

Bokaro Colliery
I AGREE TO EXECUTE THE WORK at%) ABOVE / BELOW THE ESTIMATED COST

Name of the work	providing and fixing AC connection at Kurpania community hall
NIQ No. & date	BOKARO/E&M/NIQ/OTH/20-21/ dt-26/02/2021 & Quotation notice no-16 of
	2020-2021
	SI no-02
INPUT TAX CREDIT AVAILABLE / NOT	
AVAILABLE	
RATE OF GST (in%)	18%
STATUS OF BIDDER W.R.T. GST [PLEASE	(a) GST REGISTERED BIDDER ()
MARK (√) AS APPLICABLE]	(b) GST UN-REGISTERED BIDDER ()

SI.	Description of items	Qnty.	Rate	Amount
1	Rewiring for light point/ fan point/ exhaust/call bell point wiring in PVC conduit with			
	piano type switch wiring for light point / fan point / exhaust fan point call bell point			
	with 1.5 sqm. mm FR PVC insulated copper conductor single core cable in			
	surface/recessed PVC conduit with piano type switch phonic laminated sheet, suitable			
	size MS box and earthling the point with 1.5 sqm FR PVC insulate copper conductor			
	single core cable etc as required group – 'A'			
	A Bulb point	20 nos		
	B Fan Point			
	C Tube Light Point	- 10		
2	Stepped type modular fan regulator. (Electronic)	10 nos.		
3	S/F power plug point modular type accessories supplying and fixing suitable size GI	06 nos.		
	box with modular plate and cover in front on surface or in recess incl. providing and			
	fixing 6 pin 15/16 & 5/6 amps modular socket outlet and 15/16 amps switch			
	connection painting etc as required.			
4	S/F 'C' series SP MCB : Supply and fixing 5 Amps. To 32 Amps. rating 240 Volts 'C'	06 nos.		
	series miniature circuit breaker suitable for lighting and other board loads of following			
	poles in the existing MCB, DB complete connections testing and commissioning etc as			
	required single pole & Neutral	4		
5	Supplying and fixing following way, single pole and neutral, sheet steel, MCB	1 no.		
	distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar,			
	neutral bus bar, earth bar, din bar, interconnections, powder painted including			
	earthing etc. as required. (But without MCB/RCCB/isolator). : 2 + 4 way/ 6 way, double			
	door.			
6	Wiring of circuit/submain wiring along with earth wire with the specified size of FRLS	120 mtr		
	PVC insulated copper conductor single core in surface/recessed steel conduit as			
	required.			
	2X16 sq mm + 1X16 sq mm			
7	Providing and fixing of following capacity TP&N disconnector fuse switch unit inside	1 no		
	the existing panel board with ISI marked HRC fuses			
	Including drill holes in cubical panels, making connections etc.100 Amp			

Note:

Bidders are requested to quote their rate in figure & words both

SIGNATURE OF BIDDER

Name of the work	To avoid crossing of two 11KV lines near Godo nalla and some work at DD mines s/s in respect of Bokaro Colliery, B&K Area
NIQ No. & date	BOKARO/E&M/NIQ/OTH/20-21/ dt-26/02/2021 & Quotation notice no-16 of 2020-2021 SI no-03
INPUT TAX CREDIT AVAILABLE / NOT AVAILABLE	
RATE OF GST (in%)	18%
STATUS OF BIDDER W.R.T. GST [PLEASE MARK (v) AS APPLICABLE]	(a) GST REGISTERED BIDDER () (b) GST UN-REGISTERED BIDDER ()

Sl. No.	Description of work	Qnty.	Rate/U	Amount in Rs.
1.	Erection of Metallic pole of above 10 meter and upto 12 meter in cement concrete 1:3:6: (1cement:3coarse sand:6graded stone aggregate 40mm nominal size) foundation including excavation and refilling etc. as required.	01 nos		
2.	Supplying and erection of galvanised stay set for 11 KV over head lines complete with 19/20 mm dia X 1.8 metres long stay rod, anchor plate of size 45 cm X 45 cm X 7.5 mm thick, thimble, stay clamps, turn buckle (20 mm X 600 mm), 7/4.00 mm dia G.I. stay wire and 33 KV strain insulator etc in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required.	04 no.		
3.	Supplying and erection of 11 KV disc insulator for over head lines with galvanized insulator fittings, ball and socket type and complete with galvanized strain clamps, bolts, nuts, washers etc. as required.	06 nos		
4.	Supplying and erection of 11 KV pin insulator complete with large steel head G.I. pin, nuts, washers etc. as required.	06 nos		
5.	Erection of G.I. Wire No. 6/8 SWG including binding etc. as required with cradling.	20 kg		
6.	Supplying and erection of two lengths of channel iron 75 mm X 40 mm X 6 mm (7.14 kg per meter) double pole cross arm for three wire 11 KV over head line conductors complete with through bolts and nuts for clamping to the poles, 50 mm X 6 mm M.S. flats welded on one side to the channel iron and with bolts and nuts on the other side for tying the cross arms together, including drilling holes for insulator pins/fittings, bolts, nuts, washers etc and painting with primer and finish paint as required.	08 nos		
7.	Supplying of channel iron 100 mm X 50 mm X 6 mm (9.56 kg per metre) V shape cross arm for two 11 KV over head line conductors complete with 50 mm X 6 mm M.S. flat iron clamps, bolts and nuts including drilling holes for insulator pins, bolts, nuts, washers etc and painting with primer and finish paint as required	03 set		
8.	Erection of all aluminium conductor of 7/3.35 mm to 7/4.0 mm diameter including binding etc. as required. 4x50X3= 600 m X 0.394 kg/m = 117 kg.	120 Kg.		
9.	Dismantling of over head line	120 kg		
10.	Dismantling of Horn Gap fuse system.	2 set		
11.	Providing and Installation of Horn Gap fuse system	03 nos		
12.	Transporting of pole	08 no		
13.	Supply and installation of 11 KV, 400A horizontal type Gang operating switch with all accessories.	1 nos		
14.	Dismantling of pole	8 nos		

Note:

Bidders are requested to quote their rate in figure & words both

Name of the work	lighting line from Krishna Shudarshan central school to Gandhi
	nagar colony mod under Bokaro colliery., B&K Area
NIQ No. & date	BOKARO/E&M/NIQ/OTH/20-21/ dt-26/02/2021 & Quotation notice no-16 of 2020-2021
	Sl no-04
INPUT TAX CREDIT AVAILABLE / NOT	
AVAILABLE	
RATE OF GST (in%)	18%
STATUS OF BIDDER W.R.T. GST [PLEASE	(a) GST REGISTERED BIDDER ()
MARK (√) AS APPLICABLE]	(b) GST UN-REGISTERED BIDDER ()

Sl. No.	Description of work	Qnty.	Rate/U	Amount in Rs.
1	Erection of rcc/pcc pole of above 08 meter and upto 11 meter in brick ballast and ramming the foundation finishing with 150mm thick cement concrete 1:3:6: (1cement:3coarse sand:6graded stone aggregate 40mm nominal size) foundation including excavation and refilling etc. as required.	08 nos.		
2	Supply and providing of PCC pole 9 mtr long	08 nos		
3	Erection of all aluminum conductor of 7/3.40 mm to 7/4.00 mm diameter and above including binding etc as required. 5X2X30= 300X0.214= 64.2	65 Kg.		
4	Supplying and erection of stay set complete (galvanized) with 19/20mm dia x 1.8 metres long stay rod, anchor plate of size 45cm x 45cm x 7.5mm, thimble, stay clamps, bow tightener, 7/3.15mm dia GI stay wire and strain insulator etc. in cement concrete 1:3:6 (1 cement: 3 coarse sand : 6 graded stone aggregate 40mm nominal size) foundation including excavation and refilling etc. as required.	3 no.		
5	Supplying and erection of channel iron 75mm x 40mm x 6mm (7.14kg per metre) cross arm for 2 wire overhead line complete with clamps, bolts nuts and washer etc. including drilling of holes for insulator pins, bolts and nuts etc. (as per drawing) and painting with primer and finished paint as required.	4 set.		
6	Supplying and erection of channel iron 75mm x 40mm x 6mm (7.14kg per metre) cross arm for 4 wire overhead line complete with clamps, bolts nuts and washer etc. including drilling of holes for insulator pins, bolts and nuts etc. (as per drawing) and painting with primer and finished paint as required.	08 set		
7	Supply and erection of 100mmx80mm pin insulator complete with G.I. spindle and nuts etc. as required.	4 set.		
8	Supply and erection of 75 mm x 90 mm shackle insulator with G.I. Bolt, nuts and straps etc as required.	10 set.		
9	Supply and erection of 6/8 SWG GI wire for earth cradling	20 kg		
10	Transporting of pole from manufacturer place to work site.	08 no.		
11	Fitting and fixing LED lamp	6 nos.		
12	Supply and fitting 2 x 1.5 sq. mm size from FR PVC insulated copper conductor cable for controlling/connection of lights	50 mtr		
13	Supply and fitting 2 x 2.5 sq. mm size from FR PVC insulated copper conductor cable.	25 mtr.		
14	Supply and providing bend pipe for fixing of street light	06 nos		

Note:

Bidders are requested to quote their rate in figure & words both

P.E(E&M) Bokaro Colliery

I AGREE TO EXECUTE THE WORK at%(in words%) ABOVE / BELOW THE ESTIMATED COST

SIGNATURE OF BIDDER

Name of the work	re-organisation of 8"dia pipe line and changing of old and
	damaged pipes with new pipes at cutting area in r/o of Bokaro
	Colliery, B&K Area
NIQ No. & date	BOKARO/E&M/NIQ/OTH/20-21/ dt-26/02/2021 & Quotation notice no-16 of
	2020-2021
	SI no-05
INPUT TAX CREDIT AVAILABLE / NOT	
AVAILABLE	
RATE OF GST (in%)	18%
STATUS OF BIDDER W.R.T. GST	(a) GST REGISTERED BIDDER ()
[PLEASE MARK (√) AS APPLICABLE]	(b) GST UN-REGISTERED BIDDER ()

Sl. No.	Description of work	Unit	Qty	Rate	Amount
1.	dismantling of 8" dia pipe	Mtr.	80		
2.	Earth work in excavation by mechanical means	cum	40		
	(Hydraulic excavator) / manual means over areas				
	(exceeding 30 cm in depth, 1.5 m in width as well as				
	10 sqm on plan) including disposal of excavated				
	earth, lead up to 50 m and lift up to 1.5 m, disposed				
	earth to be levelled and neatly dressed. for ordinary				
	rock.				
3.	Dismantling of 8 " Nipple, bend	Nos	4		
4.	Loading un loading including transporting of 8 " dia,	Nos	15		
	pipe, bend, , Nipple				
5.	laying of 8" dia pipe line in normal surface	Mtr.	90		
6.	laying of 8" dia nipple, bend	Nos	06		
7.	making and fixing of rubber packing joints.	Nos	25		
8.	making and fixing of short piece / jointer	Nos	04		
9.	providing and fixing of 5/8, 2.5 inch long M.S. Nut &	Kg	30		
	bolts				
10.		Inch	251.2		
	fixing 10x8x3.14= 251.2,				
11.	Welding of pipe double layer for flange fixing and for	Inch	502.4		
	making double length. 10x8x3.14x2=502.4				
12.	Welding for matching of pipe line as per site	inch	376.80		
	requirement 10x8x3.14x2= 502.4				
13.		inch	126.00		
	05x8x3.14= 125.6				
14.	supply and providing flange for 8" dia pipeline=	Nos	20		

Note:

Bidders are requested to quote their rate in figure & words both

Name of the work	Shifting and Re-organisation of 440V lines at Gandhi nagar S/S and installation of one number GOAB switch with Horn Gap
	system in respect of Bokaro Colliery, B&K Area
NIQ No. & date	BOKARO/E&M/NIQ/OTH/20-21/ dt-26/02/2021 & Quotation notice no-16 of
	2020-2021
	SI no-06
INPUT TAX CREDIT AVAILABLE / NOT	
AVAILABLE	
RATE OF GST (in%)	18%
STATUS OF BIDDER W.R.T. GST [PLEASE	(a) GST REGISTERED BIDDER ()
MARK (√) AS APPLICABLE]	(b) GST UN-REGISTERED BIDDER ()

Sl. No.	Description of work	Qnty.	Rate/U	Amount in Rs.
1.	Erection of Metallic pole of above 10 meter and upto 12 meter in cement concrete 1:3:6: (1cement:3coarse sand:6graded stone aggregate 40mm nominal size) foundation including excavation and refilling etc. as required.	5 nos		
2.	Supply and erection of 75 mm x 90 mm shackle insulator with G.I. Bolt, nuts and straps etc as required.	08 set.		
3.	Supplying and erection of 11 KV disc insulator for over head lines with galvanized insulator fittings, ball and socket type and complete with galvanized strain clamps, bolts, nuts, washers etc. as required.	12 nos		
4.	Supplying and erection of 11 KV pin insulator complete with large steel head G.I. pin, nuts, washers etc. as required.	12 nos		
5.	Supplying and erection of galvanised stay set for 11 KV over head lines complete with 19/20 mm dia X 1.8 metres long stay rod, anchor plate of size 45 cm X 45 cm X 7.5 mm thick, thimble, stay clamps, turn buckle (20 mm X 600 mm), 7/4.00 mm dia G.I. stay wire and 33 KV strain insulator etc in cement concrete 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required.	02 nos.		
6.	Erection of G.I. Wire No. 6/8 SWG including binding etc. as required with cradling.	20 kg		
7.	Supplying and erection of two lengths of channel iron 75 mm X 40 mm X 6 mm (7.14 kg per meter) double pole cross arm for three wire 11 KV over head line conductors complete with through bolts and nuts for clamping to the poles, 50 mm X 6 mm M.S. flats welded on one side to the channel iron and with bolts and nuts on the other side for tying the cross arms together, including drilling holes for insulator pins/ fittings, bolts, nuts, washers etc and painting with primer and finish paint as required.	08 nos		
8.	Supplying of channel iron 100 mm X 50 mm X 6 mm (9.56 kg per metre) V shape cross arm for two 11 KV over head line conductors complete with 50 mm X 6mm M.S. flat iron clamps, bolts and nuts including drilling holes for insulator pins, bolts, nuts, washers etc and painting with primer and finish paint as required	03 set		
	Erection of all aluminium conductor of 7/3.35 mm to 7/4.0 mm diameter including binding etc. as required. 4X35X4= 5600 m X 0.394 kg/m = 220.64 kg., 2x30x3=180 X.394= 70.92 total= 292	292 Kg.		
9.	Dismantalling of pole	01 no		
10.	Dismantling of over head line	300 kg		
11.	Dismantling of horn Gap.	1 set		
12.	Installation of Horn gap fuse system	1 set		
13.	Supply and installation of 11 KV, 400A horizontal type Gang operating switch with all accessories.	1 nos		

Note:

Bidders are requested to quote their rate in figure & words both

SIGNATURE OF BIDDER