



इरकॉन इन्टरनेशनल लिमिटेड
नवरत्न कम्पनी
(भारत सरकार का उपक्रम)
IRCON INTERNATIONAL LIMITED
NAVRATNA COMPANY
(A Govt. of India Undertaking)



No. IRCON/ELECT/5017/NELS.DD/T & P/OT/40 /LOA/05/02 **Date:** 06.08.2024

To,

M/s JAIN SONS

213/5, Nasia Marg, Agra Gate

Ajmer (Rajasthan) - 305 001

Tele/Fax no. : -

Mob - 094140 02051

E-mail - jainsonsajm@gmail.com

Dear Sir,

Sub:-Supply, Installation, Testing and Commissioning of Tools & Plant, etc. in Connection with setting up of New Electric Loco shed at Daund, Sholapur Division, Central Railway - **Letter of Acceptance (LOA)**

Ref.:1) e-Procurement No.: IRCON/ELECT/5017/NELS.DD/T&P/OT/40 Date: 12.06.2024

2) Your e-Tender opened on 04.07.2024 and financial e-bid opened on 26.07.2024

1. The competent authority for and on behalf of Ircon International Limited has accepted your offer for a sum of Rs.1,47,69,510.11 (Rupees One Crore Forty-Seven Lakh Sixty-Nine Thousand Five Hundred Ten and Eleven Paise Only) inclusive of Goods and Services Tax (GST), other taxes, duties, levies etc. (Detailed Bill of Quantities is enclosed as Annexure-A) as per Clause no.7.0 of Special Conditions of Contract (SCC).
2. You are requested to submit the following within 21 days of issue of this letter but before signing of the Agreement, whichever is earlier:
 - a. Performance guarantee for an amount of Rs.7,38,500/- (Rupees Seven Lacs, Thirty Eight Thousand & Five Hundred only i.e. 5% of the contract value Rs.1,47,69,510.11) valid initially up to 05.01.2025 (i.e. stipulated date of completion plus 60 days beyond that) in the form detailed in Clause no.: 12.1 of Special Conditions of Contract (SCC).



[Signature]
06/08/2024



इरकॉन इन्टरनेशनल लिमिटेड
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IRCON INTERNATIONAL LIMITED
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- b. Detail Programme for execution of Works as per Clause no.:9.0 of Special Conditions of Contract.
- c. Signing of Contract Agreement with requisite value of stamp paper as per Clause no.: 14.0 of Special Conditions of Contract.
3. You are requested to attend office on or before 03.09.2024 for signing of the Contract Agreement (i.e. a date within 28 days of issue of this letter as per Clause no.14.0 of Special Conditions of Contract).
4. Taxes, Duties & Levies etc. shall be applicable as per Clause 7.0 of SCC (Special Conditions of Contract).
5. The deduction of retention money shall be recovered from your on account bills @ 10% of the gross value of each on account bill till the sum total of retention money reaches 5% of the contract value of the work (Clause No.12.1 of Special Condition of Contract).
6. The mode of payment, payment terms & Tax Deduction at Source (TDS) shall be made in accordance as per Clause 13.0 of SCC. The Contractor should issue Tax Invoice showing IGST/CGST/SGST/UTGST as applicable.
7. You are requested to commence the work immediately as per enclosed Bill of Quantities (BoQ) and Technical Specification / Make. The entire work shall be completed within a period of 3 (Three) months from the date of issue of this LOA.
8. This letter of acceptance is being sent in duplicate. One copy may please be signed, stamped and returned to this office in token of unconditional acceptance.
9. All other terms and conditions contained in the e-Tender documents dated 12.06.2024 shall form part and parcel of the contract.





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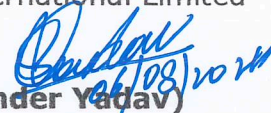


10. You are requested to contact "**Chief General Manager (Electrical) Ircon International Limited, 4rth Floor, C-4, District Centre, Saket, New Delhi - 110 017**" for further instructions and future correspondence.

Please acknowledge the receipt,

Thanking You,

Yours Faithfully,
For & on behalf of
Ircon International Limited


(Surender Yadav)
Chief General Manager/Electrical

Encl: - Bill of Quantities/Schedule of Items & Technical Specification - 23 Pages

Copy to -

- 1) **Dy. General Manager/Fin:** B-40A, Sector-1, Noida (UP) - 201 301.





LOA No.: IRCON/ELECT/5017/NELS.DD/T & P/OT/40 /LOA/05/02

Date: 06.08.2024

SCHEDULE OF QUANTITIES / BILL OF QUANTITIES (BOQ)

Name Supply, Installation, Testing and Commissioning of Tools & Plant, etc. in Connection with of work setting up of New Electric Loco shed at Daund, Sholapur Division, Central Railway

Summary Sheet of Bill of Quantities

Sr. No.	Description of Schedule	Estimated Cost (Including GST) (in INR)	Rate quoted by Contractor as percentage above/ below/ at par-over the estimated rates		Price (Including GST) (in INR)
			Percentage in Figures	Percentage in Words	
1	2	3	4	5	6
1	Supply, Installation, Testing and Commissioning of Tools & Plant, etc. in Connection with setting up of New Electric Loco shed at Daund	1,79,43,761.52	17.69	Seventeen point six nine	1,47,69,510.11
			Total Price =		1,47,69,510.11

[Signature]
06/08/2024

Sl. NO.	Description	Unit	Quantity	Rate (In INR.)	Amount (In INR.)
1	Oxy Acetylene welding and cutting sets with 15 sets	No	1	3,96,075.00	3,96,075.00
2	Power operated grease gun 5kg	No	2	1,08,675.00	2,17,350.00
3	High voltage insulation tester 5kV digital insulation (Mertiso-5000 D-P1) tester (Mertiso-5000 D-P1)	No	1	6,10,470.00	6,10,470.00
4	Megger rating 5K	No	3	2,41,500.00	7,24,500.00
5	2500V-High voltage hand driven insulation	NO	2	31,271.80	62,543.60
6	1000 V-High voltage hand driven insulation and continuity tester (upto 1000Mega ohm)	NO	2	30,965.20	61,930.40
7	Insulation tester (hand driven generator)- 500V (0-1000 Mega ohm with testing lead) 0-1000 Mega ohm with testing lead	No	2	8,622.60	17,245.20
8	200 MHz 4 channel digital storage oscilloscope mod. No. D36200 CA/4 or equivalent	No	1	2,63,757.90	2,63,757.90
9	Handheld digital oscilloscope with bus health test & software (fluke model 125B/INTL/S) OR SIMILAR	No	3	8,71,854.38	26,15,563.15
10	Torque Wrench 500NM	No	1	1,04,186.88	1,04,186.88
11	Torque Wrench 1000NM	No	1	1,11,996.36	1,11,996.36
12	Toque wrench 2000NM	No	1	3,38,134.13	3,38,134.13
13	Digital Multimeter	No	5	72,450.00	3,62,250.00
14	Universal multimeter (Various type)	No	8	16,364.25	1,30,914.00
15	Hydraulic bottle jack 20 ton & 30 ton	Set	4	19,558.00	78,232.00
16	Wheel Profiling set	No	1	3,26,025.00	3,26,025.00
17	Pneumatic crimping tool for power cable	No	2	1,20,750.00	2,41,500.00
18	Hand crimping tools for power cable	No	2	43,470.00	86,940.00
19	Clamp on meter AC/DC 1000A	No	10	19,282.73	1,92,827.32
20	Outside micrometer (digital) 0-150mm make Mitutoya	No	10	25,061.40	2,50,614.00
21	Outside micrometer (analog) 150-300mm make Mitutoya	No	10	37,056.60	3,70,566.00
22	Inside micrometer (analog) 50-150mm make Mitutoya	No	10	20,509.65	2,05,096.50
23	Vernier calliper (digital) 0-300mm make Mitutoya	No	10	35,721.00	3,57,210.00
24	Vernier calliper (digital) 0-150mm make Mitutoya	No	10	13,066.20	1,30,662.00
25	Thermal imaging camera	no	1	2,23,307.00	2,23,307.00
26	Steel Wire safety sling capacity 15 Ton	set	10	22,682.80	2,26,828.00
27	Polyster safety sling capacity 1, 2.5, 10 Ton	set	10	8,346.80	83,468.00
28	D-Shackle 1,2.5,10,20, 30 ton	set	10	9,576.00	95,760.00
29	Gear tooth Micrometer	No	1	86,940.00	86,940.00

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06/08/2024

Sl. NO.	Description	Unit	Quantity	Rate (In INR.)	Amount (In INR.)
30	Induction heater 1500 Watt	No	3	3,341.80	10,025.40
31	Wheel distance gauge WG-1D	No	3	75,880.00	2,27,640.00
32	Wheel distance gauge WG-1V	No	3	17,627.40	52,882.20
33	Wheel Gear gauge WPG1	No	3	12,264.00	36,792.00
34	Tread wear gauge TWG-1	No	3	24,526.60	73,579.80
35	Flange wear gauge FWG-1	No	3	10,731.00	32,193.00
36	Flange wear gauge FWG-D/2D	No	3	38,323.60	1,14,970.80
37	Root wear gauge RWG-1/BG	No	3	10,731.00	32,193.00
38	Root wear gauge RWG-1D/2D	No	3	38,323.60	1,14,970.80
39	Tyre defect gauge TDG-1	No	3	9,198.00	27,594.00
40	Buffer height gauge BHG-2 (S)	No	3	57,485.40	1,72,456.20
41	Buffer projection gauge BPG-1	No	3	10,731.00	32,193.00
42	Coupler contour Gauge	No	3	10,731.00	32,193.00
43	Knuckle stretch and nose wear for CBC	No	3	24,526.60	73,579.80
44	Portable hand blower	No	3	2,879.80	8,639.40
45	Spring balance/ weighing machines	No	1	12,075.00	12,075.00
46	Bench vice-6" (3 Nos), 12" (2 Nos)	No	1	86,416.40	86,416.40
47	Impact Wrench (up to M18)	No	2	47,677.00	95,354.00
48	Impact Wrench (up to M 30)	No	2	1,13,307.60	2,26,615.20
49	Straight grinder	No	2	22,864.80	45,729.60
50	Circular saw	No	2	10,393.60	20,787.20
51	Saber saw Model GSA 1100E 1100 Watt	No	2	19,734.40	39,468.80
52	Hammer drill 13mm, 600W	No	4	6,013.00	24,052.00
53	Small angle grinder 100 mm, 710W	No	2	5,600.00	11,200.00
54	Chop saw 355mm, 2200W	No	1	14,533.40	14,533.40
55	Bench grinder 152mm 373W	No	2	7,810.60	15,621.20
56	Chain pulley 2 TON	No	2	25,327.40	50,654.80
57	Chain pulley 5 TON	No	2	19,558.00	39,116.00
58	Hydraulic puller 5ton	No	2	8,313.20	16,626.40
59	Heavy duty industrial wet and dry vacuum cleaner	No	2	64,345.40	1,28,690.80
60	Grease gun equipment with Digital grease meter	No	2	50,458.80	1,00,917.60
61	Individual fitter tools (As per Annexure -"A")	LOT	1		42,63,924.32

Total

1,52,06,577.56

GST @ 18%

27,37,183.96

Gross amount including GST

1,79,43,761.52

Qadav
06/08/2024

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Annexure - "A"

Sl. No.	Description	Unit	Quantity	Rate	Amount (In INR.)
1	Hex key set (Allen key) 1.5,2,2.5,3,4,5,5.5,6,8,10	Set	8	880.00	7,040.00
2	Hex key long (Allen key) 12mm	Nos	8	563.20	4,505.60
3	Hex key long (Allen key) 14MM	Nos	8	829.40	6,635.20
4	Hex key long (Allen key) 16MM	Nos	8	1,100.00	8,800.00
5	T-Handle hex key set (Allen key) 2.0,2.5,3.0,4.0,5.0,6.0,8.0,10.0	Set	5	3,300.00	16,500.00
6	Soldering Iron 30W/220V, Round pin head 30W/220V	Nos	3	1,518.00	4,554.00
7	Combination plier double color sleeve 205MM/8	Nos	10	1,100.00	11,000.00
8	Long nose plier double color sleeve 152MM/6	Nos	3	668.80	2,006.40
9	Circlip plier straight (internal) 130MM-5	Nos	5	833.80	4,169.00
10	Circlip plier Straight (external) 130MM-5	Nos	5	750.20	3,751.00
11	Circlip plier bent (internal) 130MM-5	Nos	5	1,100.00	5,500.00
12	Circlip plier bent (external) 130MM-5	Nos	5	1,320.00	6,600.00
13	Linesman plier 7"	Nos	5	4,400.00	22,000.00
14	Diagonal cutting plier 7"	Nos	5	3,520.00	17,600.00
15	Crimping plier set 230MM-9	Nos	5	1,320.00	6,600.00
16	Combination snap ring set, intext post 152/6MM	Nos	4	1,540.00	6,160.00
17	Wire stripper with cutting edge awgl2-22 150MM/6	Nos	5	1,980.00	9,900.00
18	Bolt cutter 5MM	Nos	1	2,470.60	2,470.60
19	Bolt cutter	Nos	1	5,940.00	5,940.00
20	Curved jaw locking plier 5"/125mm	Nos	5	2,063.60	10,318.00
21	Curved jaw locking plier 7"/175mm	Nos	5	2,200.00	11,000.00
22	Curved jaw locking plier 10"/250mm	Nos	5	2,860.00	14,300.00
23	Curved jaw locking plier 7"/175mm	Nos	5	3,300.00	16,500.00
24	Curved jaw locking plier 10/250mm	Nos	5	3,520.00	17,600.00
25	Heavy duty pipe wrench (east iron) 250mm/10	Nos	5	1,540.00	7,700.00
26	Heavy duty pipe wrench (east iron) 300mm/12	Nos	5	1,804.00	9,020.00
27	Heavy duty pipe wrench (east iron) 350mm/14	Nos	5	1,980.00	9,900.00

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06/08/2021

Sl. No.	Description	Unit	Quantity	Rate	Amount (In INR.)
28	Heavy duty pipe wrench (east iron)450mm/18	Nos	5	3,295.60	16,478.00
29	Heavy duty pipe wrench (east iron) 600mm/24	Nos	5	4,503.40	22,517.00
30	Heavy duty pipe wrench (east iron) 900mm/36	Nos	5	10,472.00	52,360.00
31	Stillson type pipe wrench 250mm/10	Nos	5	1,980.00	9,900.00
32	Stillson type pipe wrench 300mm/12	Nos	5	2,200.00	11,000.00
33	Stillson type pipe wrench 350mm/14	Nos	5	2,640.00	13,200.00
34	Stillson type pipe wrench 450mm/18	Nos	5	3,960.00	19,800.00
35	Stillson type pipe wrench 600mm/24	Nos	5	4,400.00	22,000.00
36	Stillson type pipe wrench 130mm 5 1/4	Nos	7	660.00	4,620.00
37	Cable cutter 250mm/10	Nos	7	1,980.00	13,860.00
38	3 jaw puller 150mm/6	Nos	1	11,000.00	11,000.00
39	25 blades metric feeler gauge 0.04,0.05,0.06,0.07,0.08,0.09,0.10,0.15,0.20,0.25,0.30,0.35,0.40,0.45,0.50,0.55,0.60,0.70				
a	length - 6"	Set	8	8,800.00	70,400.00
b	length - 4"	Set	2	8,800.00	17,600.00
40	Oil filter wrench (Strap type) 50-108mm	Nos	10	2,004.20	20,042.00
41	Double open end spanners 6x7mm	Nos	12	176.00	2,112.00
42	Double open end spanners 8x9mm	Nos	12	187.00	2,244.00
43	Double open end spanners 10x11mm	Nos	12	198.00	2,376.00
44	Double open end spanners 12x13mm	Nos	12	228.80	2,745.60
45	Double open end spanners 14x15mm	Nos	12	239.80	2,877.60
46	Double open end spanners 16x17mm	Nos	12	312.40	3,748.80
47	Double open end spanners 18x19mm	Nos	12	378.40	4,540.80
48	Double open end spanners 20x22mm	Nos	12	470.80	5,649.60
49	Double open end spanners 21x23mm	Nos	12	627.00	7,524.00
50	Double open end spanners 24x27mm	Nos	12	693.00	8,316.00
51	Double open end spanners 25x28mm	Nos	12	921.80	11,061.60
52	Double open end spanners 30x32mm	Nos	5	1,007.60	5,038.00
53	Double open end spanners 32x36mm	Nos	2	2,745.60	5,491.20

Signature
06/08/2024

Sl. No.	Description	Unit	Quantity	Rate	Amount (In INR.)
54	Double open end spanners 34x36mm	Nos	2	2,860.00	5,720.00
55	Double open end spanners 36x41mm	Nos	2	3,077.80	6,155.60
56	Double open end spanners 41x46mm	Nos	2	3,520.00	7,040.00
57	Double open end spanners 46x50mm	Nos	2	5,280.00	10,560.00
58	Double open end spanners 50x55mm	Nos	2	6,160.00	12,320.00
59	Double open end spanners 55x60mm	Nos	2	7,480.00	14,960.00
60	Offset ring end spanners 6x7mm	Nos	27	349.80	9,444.60
61	Offset ring end spanners 8x9mm	Nos	27	402.60	10,870.20
62	Offset ring end spanners 10x11mm	Nos	27	488.40	13,186.80
63	Offset ring end spanners 12x13mm	Nos	27	499.40	13,483.80
64	Offset ring end spanners 14x15mm	Nos	27	554.40	14,968.80
65	Offset ring end spanners 16x17mm	Nos	27	660.00	17,820.00
66	Offset ring end spanners 18x19mm	Nos	27	851.40	22,987.80
67	Offset ring end spanners 20x22mm	Nos	27	2,200.00	59,400.00
68	Offset ring end spanners 21x23mm	Nos	27	1,212.20	32,729.40
69	Offset ring end spanners 24x27mm	Nos	27	1,460.80	39,441.60
70	Offset ring end spanners 25x28mm	Nos	27	1,738.00	46,926.00
71	Offset ring end spanners 30x32mm	Nos	27	2,200.00	59,400.00
72	Offset ring end spanners 32x36mm	Nos	2	3,300.00	6,600.00
73	Offset ring end spanners 36x41mm	Nos	2	5,060.00	10,120.00
74	Offset ring end spanners 41x46mm	Nos	2	6,380.00	12,760.00
75	Offset ring end spanners 46x50mm	Nos	2	7,700.00	15,400.00
76	Offset ring end spanners 50x55mm	Nos	2	10,120.00	20,240.00
77	Offset ring end spanners 55x60mm	Nos	2	11,660.00	23,320.00
78	Single end open jaw spanner 24mm	Nos	30	686.40	20,592.00
79	Single end open jaw spanner 26mm	Nos	30	756.80	22,704.00
80	Single end open jaw spanner 27mm	Nos	30	844.80	25,344.00
81	Single end open jaw spanner 30mm	Nos	30	946.00	28,380.00
82	Single end open jaw spanner 32mm	Nos	30	1,080.20	32,406.00
83	Single end open jaw spanner 33mm	Nos	30	1,188.00	35,640.00
84	Single end open jaw spanner 34mm	Nos	30	1,287.00	38,610.00

Prakash
06/08/2024

Sl. No.	Description	Unit	Quantity	Rate	Amount (In INR.)
85	Single end open jaw spanner 36mm	Nos	30	1,526.80	45,804.00
86	Single end open jaw spanner 38mm	Nos	5	2,059.20	10,296.00
87	Single end open jaw spanner 41mm	Nos	5	2,420.00	12,100.00
88	Single end open jaw spanner 42mm	Nos	5	3,190.00	15,950.00
89	Single end open jaw spanner 46mm	Nos	5	3,278.00	16,390.00
90	Single end open jaw spanner 50mm	Nos	5	4,400.00	22,000.00
91	Single end open jaw spanner 55mm	Nos	5	5,720.00	28,600.00
92	Single end open jaw spanner 60mm	Nos	5	8,360.00	41,800.00
93	Single end open jaw spanner 65mm	Nos	5	9,900.00	49,500.00
94	Open jaw slugging, Wrench 24mm	Nos	10	1,760.00	17,600.00
95	Open jaw slugging, Wrench 27mm	Nos	10	2,200.00	22,000.00
96	Open jaw slugging, Wrench 30mm	Nos	10	3,300.00	33,000.00
97	Open jaw slugging, Wrench 32mm	Nos	10	4,180.00	41,800.00
98	Open jaw slugging, Wrench 33mm	Nos	10	5,280.00	52,800.00
99	Open jaw slugging, Wrench 34mm	Nos	10	6,160.00	61,600.00
100	Open jaw slugging, Wrench 36mm	Nos	10	7,260.00	72,600.00
101	Open jaw slugging, Wrench 41mm	Nos	5	8,800.00	44,000.00
102	Open jaw slugging, Wrench 42mm	Nos	5	9,900.00	49,500.00
103	Open jaw slugging, Wrench 46mm	Nos	5	11,000.00	55,000.00
104	Open jaw slugging, Wrench 50mm	Nos	5	14,300.00	71,500.00
105	Open jaw slugging, Wrench 55mm	Nos	5	15,400.00	77,000.00
106	Open jaw slugging, Wrench 60mm	Nos	5	16,183.20	80,916.00
107	Adjustable spanner 100mm	Nos	8	660.00	5,280.00
108	Adjustable spanner 150 mm	Nos	5	1,179.20	5,896.00
109	Tublar double sided Box end wrench 6x7mm	Nos	15	48,576.00	7,28,640.00
110	Tublar double sided Box end wrench 8x9mm	Nos	15		
111	Tublar double sided Box end wrench 10x11mm	Nos	15		
112	Tublar double sided Box end wrench 12x13mm	Nos	15		
113	Tublar double sided Box end wrench 14x15mm	Nos	15		
114	Tublar double sided Box end wrench 16x17mm	Nos	15		

Pradeep
06/08/2014

Sl. No.	Description	Unit	Quantity	Rate	Amount (In INR.)
115	Tublar double sided Box end wrench 18x19mm	Nos	15		
116	Screwdriver slotted 3x50mm	Nos	27	110.00	2,970.00
117	Screwdriver slotted 3x75mm	Nos	27	127.60	3,445.20
118	Screwdriver slotted 3x100mm	Nos	27	143.00	3,861.00
119	Screwdriver slotted 3x150mm	Nos	27	154.00	4,158.00
120	Screwdriver slotted 4x75mm	Nos	27	101.20	2,732.40
121	Screwdriver slotted 4x150mm	Nos	27	132.00	3,564.00
122	Screwdriver slotted 6x100mm	Nos	27	191.40	5,167.80
123	Screwdriver slotted 6x150mm	Nos	27	200.20	5,405.40
124	Screwdriver slotted 6x200mm	Nos	27	215.60	5,821.20
125	Screwdriver slotted 6x250mm	Nos	27	231.00	6,237.00
126	Screwdriver slotted 6x300mm	Nos	27	264.00	7,128.00
127	Screwdriver slotted 8x150mm	Nos	27	228.80	6,177.60
128	Screwdriver slotted 8x200mm	Nos	27	255.20	6,890.40
129	Screwdriver slotted 8x250mm	Nos	27	277.20	7,484.40
130	Screwdriver slotted 8x300mm	Nos	27	292.60	7,900.20
131	Screwdriver Philips #0x50mm	Nos	27	74.80	2,019.60
132	Screwdriver Philips #0x100mm	Nos	27	77.00	2,079.00
133	Screwdriver Philips #0x150mm	Nos	27	103.40	2,791.80
134	Screwdriver Philips #1x100mm	Nos	27	118.80	3,207.60
135	Screwdriver Philips #1x150mm	Nos	27	132.00	3,564.00
136	Screwdriver Philips #1x200mm	Nos	27	140.91	3,804.57
137	Screwdriver Philips #2x100mm	Nos	27	183.17	4,945.64
138	Screwdriver Philips #2x150mm	Nos	27	189.22	5,108.99
139	Screwdriver Philips #2x200mm	Nos	27	197.27	5,326.40
140	Screwdriver Philips #2x250mm	Nos	27	201.30	5,435.10
141	Screw driver Philips #2x300mm	Nos	27	213.38	5,761.21
142	Screwdriver Philips #3x150mm	Nos	27	253.64	6,848.23
143	Screwdriver Philips #3x200mm	Nos	27	261.69	7,065.63
144	Screwdriver Philips #3x250mm	Nos	27	283.82	7,663.19
145	Screwdriver Philips #3x300mm	Nos	27	301.95	8,152.65

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06/08/2024

008

Sl. No.	Description	Unit	Quantity	Rate	Amount (In INR.)
146	Screwdriver Philips 2-in-I #2xFlat 6.0mmx28mm (stubby)	Nos	30	198.00	5,940.00
147	Screwdriver Philips 2-in-I #0xFlat 3.5mm x 55mm	Nos	30	118.76	3,562.68
148	Screwdriver Philips 2-in-I #1xFlat 5.0mm x 75mm	Nos	30	148.96	4,468.86
149	Screwdriver Philips 2-in-I #00xFlat 2.3mm x 60mm	Nos	30	108.70	3,261.06
150	Screwdriver Philips 2-in-I #1xPhillips #0x200mm	Nos	30	169.09	5,072.76
151	Screwdriver Philips 2-in-I #2xPhillips #1x200mm	Nos	30	183.17	5,495.16
152	Screwdriver Philips 2-in-I #3xPhillips #2x200mm	Nos	30	198.00	5,940.00
153	Screwdriver Philips 2-in-I #2xFlat 6.0mm x 250mm, Insulated	Nos	30	209.35	6,280.56
154	Screwdriver Philips 2-in-I #2xFlat 6.0mm x 100mm, Insulated	Nos	30	182.49	5,474.70
155	Screwdriver Philips 2-in-I #2xFlat 6.0mm x 140mm, Insulated	Nos	30	161.04	4,831.20
156	Screwdriver Philips 2-in-I #3xFlat 8.0mm x 140mm, Insulated	Nos	30	231.00	6,930.00
157	Screwdriver Philips 2-in-I #2xFlat 6.0mm x 200mm, Insulated	Nos	30	198.00	5,940.00
158	Screwdriver Philips Round #2x24"	Nos	7	5,940.00	41,580.00
159	Screwdriver slotted keystone Round 1/4"x24"	Nos	7	6,930.00	48,510.00
160	Sliding T-Bar 1/2" square drive	Nos	3	638.11	1,914.33
161	Sliding T-Bar 3/8" square drive	Nos	3	450.91	1,352.74
162	L-HANDLE 1/2" square drive	Nos	5	350.26	1,751.31
163	Speeder handle 3/8" square drive	Nos	5	1,350.71	6,753.56
164	Speeder handle	Nos	5	1,753.31	8,766.56
165	Quick release pear head ratchet 3/8" square drive	Nos	5	2,640.00	13,200.00
166	Quick release pear head ratchet 1/2" square drive	Nos	5	4,257.00	21,285.00
167	Ratchet round head 1/2" square drive	Nos	5	3,164.70	15,823.50
168	Extension bar 3/8" square drive, length 254mm	Nos	5	1,514.70	7,573.50
169	Extension bar 1/2" square drive, length 254mm	Nos	5	874.50	4,372.50
170	Impact sockets single/double Hex, square drive 1/2" 8mm	Nos	5	221.43	1,107.15
171	Impact sockets single/double Hex, square drive 3/8" 8mm	Nos	5	781.04	3,905.22
172	Impact sockets single/double Hex, square drive 1/2" 10mm	Nos	5	221.43	1,107.15
173	Impact sockets single/double Hex, square drive 3/8" 10mm	Nos	5	781.04	3,905.22
174	Impact sockets single/double Hex, square drive 1/2" 11mm	Nos	5	221.43	1,107.15

Sanjay
06/08/2014

009

Sl. No.	Description	Unit	Quantity	Rate	Amount (In INR.)
175	Impact sockets single/double Hex, square drive 3/8" 11mm	Nos	5	781.04	3,905.22
176	Impact sockets single/double Hex, square drive 1/2" 12mm	Nos	5	221.43	1,107.15
177	Impact sockets single/double Hex, square drive 3/4" 12mm	Nos	5	855.51	4,277.57
178	Impact sockets single/double Hex, square drive 1/2" 13mm	Nos	5	221.43	1,107.15
179	Impact sockets single/double Hex, square drive 3/4" 13mm	Nos	5	855.51	4,277.57
180	Impact sockets single/double Hex, square drive 1/2" 14mm	Nos	5	221.43	1,107.15
181	Impact sockets single/double Hex, square drive 3/4" 14mm	Nos	5	855.51	4,277.57
182	Impact sockets single/double Hex, square drive 1/2" 15mm	Nos	5	221.43	1,107.15
183	Impact sockets single/double Hex, square drive 3/4" 15mm	Nos	5	988.35	4,941.75
184	Impact sockets single/double Hex, square drive 1/2" 16mm	Nos	5	221.43	1,107.15
185	Impact sockets single/double Hex, square drive 3/4" 16mm	Nos	5	998.45	4,992.24
186	Impact sockets single/double Hex, square drive 1/2" 17mm	Nos	5	221.43	1,107.15
187	Impact sockets single/double Hex, square drive 3/4" 17mm	Nos	5	1,036.68	5,183.42
188	Impact sockets single/double Hex, square drive 1/2" 18mm	Nos	4	221.43	885.72
189	Impact sockets single/double Hex, square drive 3/4" 18mm	Nos	4	1,036.68	4,146.74
190	Impact sockets single/double Hex, square drive 1" 19mm	Nos	4	495.00	1,980.00
191	Impact sockets single/double Hex, square drive 3/4" 19mm	Nos	4	1,358.76	5,435.06
192	Impact sockets single/double Hex, square drive 1" 21mm	Nos	4	1,313.40	5,253.60
193	Impact sockets single/ double Hex, square drive 3/4" 21mm	Nos	4	1,085.70	4,342.80
194	Impact sockets single/double Hex, square drive 1" 22mm	Nos	4	1,798.50	7,194.00
195	Impact sockets single/double Hex, square drive 3/4" 22mm	Nos	4	1,316.70	5,266.80
196	Impact sockets single/double Hex, square drive 1" 24mm	Nos	4	1,435.50	5,742.00
197	Impact sockets single/double Hex, square drive 3/4" 24mm	Nos	4	1,980.00	7,920.00
198	Impact sockets single/double Hex, square drive 1" 28mm	Nos	4	2,570.70	10,282.80
199	Impact sockets single/double Hex, square drive 3/4" 28mm	Nos	4	2,640.00	10,560.00
200	Impact sockets single/double Hex, square drive 1" 30mm	Nos	4	2,801.70	11,206.80

013

Qadav
06/08/2024

Sl. No.	Description	Unit	Quantity	Rate	Amount (In INR.)
201	Impact sockets single/double Hex, square drive 3/4" 30mm	Nos	4	2,834.70	11,338.80
202	Impact sockets single/double Hex, square drive 1" 32mm	Nos	4	2,970.00	11,880.00
203	Impact sockets single/double Hex, square drive 3/4" 32mm	Nos	4	3,052.50	12,210.00
204	Impact sockets single/double Hex, square drive 1" 36mm	Nos	4	3,135.00	12,540.00
205	Impact sockets single/double Hex, square drive 3/4" 36mm	Nos	4	4,917.00	19,668.00
206	Impact sockets single/double Hex, square drive 1" 46mm	Nos	4	5,247.00	20,988.00
207	Impact sockets single/double Hex, square drive 3/4" 46mm	Nos	4	6,600.00	26,400.00
208	Nut spinners 5.5mm	Nos	5	270.27	1,351.35
209	Nut spinners 6mm	Nos	5	270.27	1,351.35
210	Nut spinners 7mm	Nos	5	270.27	1,351.35
211	Nut spinners 8mm	Nos	5	270.27	1,351.35
212	Nut spinners 9mm	Nos	5	270.27	1,351.35
213	Nut spinners 10mm	Nos	5	330.33	1,651.65
214	Nut spinners 11mm	Nos	5	347.49	1,737.45
215	Nut spinners 12mm	Nos	5	349.62	1,748.12
216	Nut spinners 13mm	Nos	5	334.62	1,673.10
217	spinners 14mm Nut	Nos	5	338.91	1,694.55
218	6 Point T-handle 8mm	Nos	5	376.42	1,882.10
219	6 Point T-handle 9mm	Nos	5	380.45	1,902.23
220	6 Point T-handle 10mm	Nos	5	386.50	1,932.48
221	6 Point T-handle 11mm	Nos	5	398.33	1,991.66
222	6 Point T-handle 12mm	Nos	5	396.55	1,982.75
223	6 Point T-handle 13mm	Nos	5	402.60	2,013.00
224	6 Point T-handle 14mm	Nos	5	406.63	2,033.13
225	6 Point T-handle 17mm	Nos	5	495.00	2,475.00
226	Mechanical torque wrench-Ratcheting type, square drive-3/8" 3-	Nos	5	9,207.00	46,035.00
227	Mechanical torque wrench-Ratcheting type, square drive-3/8" 5-	Nos	5	11,546.70	57,733.50
228	Mechanical torque wrench-Ratcheting type, square drive-1/2" 14-	Nos	5	18,777.00	93,885.00
229	Mechanical torque wrench-Ratcheting type, square drive-1/2" 25-	Nos	2	20,130.00	40,260.00

Signature
06/08/2024

TECHNICAL SPECIFICATIONS

Qadav
06/08/2014

SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF TOOLS & PLANTS FOR NELS DAUND

Sl. No.	Description	Unit	Qty.	Make	Remarks
1	Oxy Acetylene welding and cutting sets with 15 sets of cylinder for oxygen and acetylene	No	1	Esab	
2	Power operated grease gun	No	2	Taparia	
3	High voltage insulation tester 5kV digital insulation (Mertiso-5000 D-P1) tester (Mertiso-5000 D-P1)	No	1	Meco	
4	Megger rating 5K	No	3	Megger	
5	2500V-High voltage hand driven insulation and continuity tester (upto 2000 Mega ohm)	NO	2	Shanti/CIE-444	
6	1000 V-High voltage hand driven insulation and continuity tester (upto 1000Mega ohm)	NO	2	Shanti/CIE-444	
7	Insulation tester (hand driven generator)- SOOV (0-1000 Mega ohm with testing lead) 0-1000 Mega ohm with testing lead	No	2	Shanti/CIE-444	
8	200 MHz 4 channel digital storage oscilloscope mod. No. D36200 CA/4 or equivalent	No	1	RIGOL	
9	Handheld digital oscilloscope with bus health test & software	No	3	FLUKE	
10	Torque Wrench SOONM	No	1	DE NEERS / Stanley/Taparia	
11	Torque Wrench 1000NM	No	1	DE NEERS / Stanley/Taparia	
12	Toque wrench 2000NM	No	1	DE NEERS / Stanley/Taparia	
13	Digital Multi-meter	No	5	Meco /MEGGER AVO 340	
14	Universal multi-meter (Various type)	No	8	Meco /Metravi, model no: 901-11	
15	Hydraulic bottle jack 20 ton & 30 ton	Set	4	Stanley/BOSCH/LUKAS	
16	Wheel Profiling set	No	1	Greenwood Miniprof	
17	Pneumatic crimping tool for power cable	No	2	MILNEC/Equivalent	
18	Hand crimping tools for power cable	No	2	Jainson/DMC	
19	Clamp on meter AC/DC 1000A	No	10	Rishabh/MEGGER/ DCM 340	
20	Outside micrometer (digital) 0-150mm make Mitutoya	No	10	Yuzuki/Mitutoya	
21	Outside micrometer (analog) 150-300mm make Mitutoya	No	10	Yuzuki/Mitutoya	
22	Inside micrometer (analog) 50-150mm mmake Mitutoya	No	10	Yuzuki/Mitutoya	
23	Vernier calliper (digital) 0-300mm make Mitutoya	No	10	Yuzuki/Mitutoya	
24	Vernier calliper (digital) 0-150mm make Mitutoya	No	10	Yuzuki/Mitutoya	
25	Thermal imaging camera	no	1	FLUKE/SKF/TKTI21	

06/08/2024

SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF TOOLS & PLANTS FOR NELS DAUND

26	Steel Wire safety sling capacity 15 Ton	set	10	USHA MARTIN/BHARAT WIREPROPS/EQUIVALENT	
27	Polyster safety sling capacity 1, 2,5, 10 Ton	set	10	UTKAL Engineers / ATLANTIS	
28	D-Shackle 1,2,5,10,20, 30 ton	set	10	Kepto	
29	Gear tooth Micrometer	No	1	Yuzuki/Mitutoya	
30	Induction heater 1500 Watt	No	3	Philips/PRESTIGE/BAJAJ	
31	Wheel distance gauge WG-1D	No	3	Paragon / Equivalent	
32	Wheel distance gauge WG-1V	No	3	Paragon / Equivalent	
33	Wheel Gear gauge WPG1	No	3	Paragon / Equivalent	
34	Tread wear gauge TWG-1	No	3	Paragon / Equivalent	
35	Flange wear gauge FWG-1	No	3	Paragon / Equivalent	
36	Flange wear gauge FWG-D/2D	No	3	Paragon / Equivalent	
37	Root wear gauge RWG-1/BG	No	3	Paragon / Equivalent	
38	Root wear gauge RWG-1D/2D	No	3	Paragon / Equivalent	
39	Tyre defect gauge TDG-1	No	3	Paragon / Equivalent	
40	Buffer height gauge BHG-2 (S)	No	3	Paragon / Equivalent	
41	Buffer projection gauge BPG-1	No	3	Paragon / Equivalent	
42	Coupler contour Gauge	No	3	Paragon / Equivalent	
43	Knuckle stretch and nose wear for CBC	No	3	Paragon / Equivalent	
44	Portable hand blower	No	3	Stanley/Bosch	
45	Spring balance/ weighing machines	LS	1	Innoweight/HR214	
46	Bench vice-6" (3 Nos), 12" (2 Nos)	LS	1	Taparia/Stanley	
47	Impact Wrench (up to M18)	No	2	Stanley/Hitachi	
48	Impact Wrench (up to M 30)	No	2	Stanley/Hitachi	
49	Straight grinder	No	2	Bosch	
50	Circular saw	No	2	Bosch	
51	Saber saw Model GSA 1100E 1100 Watt	No	2	Bosch	
52	Hammer drill 13mm, 600W	No	4	Bosch/Stanley/Hitachi	
53	Small angle grinder 100 mm, 710W	No	2	Bosch/Stanley/Hitachi	
54	Chop saw 355mm, 2200W	No	1	Bosch/Stanley/Hitachi	
55	Bench grinder 152mm 373W	No	2	Bosch/Stanley/Hitachi	
56	Chain pulley 2 TON	No	2	KEPRO/Loadmate	
57	Chain pulley 5 TON	No	2	KEPRO/Loadmate	
58	Hydraulic puller 5ton	No	2	MaskoTech/vandec	
59	Heavy duty industrial wet and dry vacuum cleaner	No	2	BOSCH	
60	Grease gun equipment with Digital grease meter	No	2	Taparia	
Individual fitter Tools					
1	Hex key set (Allen key) 1.5,2,2.5,3,4,5,5.5,6,8,10	Set	8	TAPARIA / STANLEY/AMPRO/ KLAUKE	
2	Hex key long (Allen key) 12mm	Nos	8	TAPARIA / STANLEY/AMPRO/ KLAUKE	
3	Hex key long (Allen key) 14MM	Nos	8	TAPARIA / STANLEY/AMPRO/ KLAUKE	
4	Hex key long (Allen key) 16MM	Nos	8	TAPARIA / STANLEY/AMPRO/ KLAUKE	
5	T-Handle hex key set (Allen key) 2.0,2.5,3.0,4.0,5.0,6.0,8.0,10.0	Set	5	TAPARIA / STANLEY/AMPRO/ KLAUKE	

06/08/2024

SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF TOOLS & PLANTS FOR NELS DAUND

6	Soldering Iron 30W/220V, Round pin head 30W/220V	Nos	3	TAPARIA / STANLEY/IRWIN, POTO	
7	Combination plier double color sleeve 205MM/8	Nos	10	TAPARIA / STANLEY/IRWIN, POTO	
8	Long nose piler double color sleeve 152MM/6	Nos	3	TAPARIA / STANLEY/IRWIN, POTO	
9	Circlip plier straight (internal) 130MM-5	Nos	5	TAPARIA / STANLEY/IRWIN, POTO	
10	Circlip plier Straight (external) 130MM-5	Nos	5	TAPARIA / STANLEY/IRWIN, POTO	
11	Circlip plier bent (internal) 130MM-5	Nos	5	TAPARIA / STANLEY/IRWIN, POTO	
12	Circlip plier bent (external) 130MM-5	Nos	5	TAPARIA / STANLEY/IRWIN, POTO	
13	Linesman plier 7"	Nos	5	TAPARIA / STANLEY/IRWIN, POTO	
14	Diagonal cutting plier 7"	Nos	5	TAPARIA / STANLEY/IRWIN, POTO	
15	Crimping plier set 230MM-9	Nos	5	TAPARIA / STANLEY/IRWIN, POTO	
16	Combination snap ring set, intext post 152/6MM	Nos	4	TAPARIA / STANLEY/IRWIN, POTO	
17	Wire stripper with cutting edge awgl2-22 150MM/6	Nos	5	TAPARIA / STANLEY/IRWIN, POTO	
18	Bolt cutter 5MM	Nos	1	TAPARIA / STANLEY/IRWIN, POTO	
19	Bolt cutter	Nos	1	TAPARIA / STANLEY/IRWIN, POTO	
20	Curved jaw locking plier 5"/125mm	Nos	5	TAPARIA / STANLEY/IRWIN, POTO	
21	Curved jaw locking plier 7"/175mm	Nos	5	TAPARIA / STANLEY/IRWIN, POTO	
22	Curved jaw locking plier 10"/250mm	Nos	5	TAPARIA / STANLEY/IRWIN, POTO	
23	Curved jaw locking plier 7"/175mm	Nos	5	TAPARIA / STANLEY/IRWIN, POTO	
24	Curved jaw locking plier 107250mm	Nos	5	TAPARIA / STANLEY/IRWIN, POTO	
25	Heavy duty pipe wrench (east iron) 250mm/10	Nos	5	TAPARIA / STANLEY/IRWIN, POTO	
26	Heavy duty pipe wrench (east iron) 300mm/12	Nos	5	TAPARIA / STANLEY/IRWIN, POTO	
27	Heavy duty pipe wrench (east iron) 350mm/14	Nos	5	TAPARIA / STANLEY/IRWIN, POTO	
28	Heavy duty pipe wrench (east iron) 450mm/18	Nos	5	TAPARIA / STANLEY/IRWIN, POTO	
29	Heavy duty pipe wrench (east iron) 600mm/24	Nos	5	TAPARIA / STANLEY/IRWIN, POTO	
30	Heavy duty pipe wrench (east iron) 900mm/36	Nos	5	TAPARIA / STANLEY/IRWIN, POTO	
31	Stillson type pipe wrench 250mm/10	Nos	5	TAPARIA / STANLEY/IRWIN, POTO	
32	Stillson type pipe wrench 300mm/12	Nos	5	TAPARIA / STANLEY/IRWIN, POTO	
33	Stillson type pipe wrench 350mm/14	Nos	5	TAPARIA / STANLEY/IRWIN, POTO	
34	Stillson type pipe wrench 450mm/18	Nos	5	TAPARIA / STANLEY/IRWIN, POTO	
35	Stillson type pipe wrench 600mm/24	Nos	5	TAPARIA / STANLEY/IRWIN, POTO	

[Signature]
06/08/2024

SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF TOOLS & PLANTS FOR NELS DAUND

36	Stillson type pipe wrench 130mm 5.1/4	Nos	7	TAPARIA / STANLEY/IRWIN, POTO	
37	Cable cutter 250mm/10	Nos	7	TAPARIA / STANLEY/IRWIN, POTO	
38	3 jaw puller 150mm/6	Nos	1	TAPARIA / STANLEY/IRWIN, POTO	
39	25 blades metric feeler gauge 0.04,0.05,0.06,0.07,0.08,0.09,0.10,0.15,0.2 0,0.25,0.30,0.35,0.40,0.45,0.50,0.55,0.60,0. 65,0.700.75,0.80,0.85,0.90,0.95,1.00mm				
a	length - 6"	Set	8	TAPARIA / STANLEY/IRWIN, POTO	
b	length - 4"	Set	2	TAPARIA / STANLEY/IRWIN, POTO	
40	Oil filter wrench (Strap type) 50-108mm	Nos	10	TAPARIA / STANLEY/IRWIN, POTO	
41	Double open end spanners 6x7mm	Nos	12	TAPARIA / STANLEY/MEKASTER	
42	Double open end spanners 8x9mm	Nos	12	TAPARIA / STANLEY/MEKASTER	
43	Double open end spanners 10x11mm	Nos	12	TAPARIA / STANLEY/MEKASTER	
44	Double open end spanners 12x13mm	Nos	12	TAPARIA / STANLEY/MEKASTER	
45	Double open end spanners 14x15mm	Nos	12	TAPARIA / STANLEY/MEKASTER	
46	Double open end spanners 16x17mm	Nos	12	TAPARIA / STANLEY/MEKASTER	
47	Double open end spanners 18x19mm	Nos	12	TAPARIA / STANLEY/MEKASTER	
48	Double open end spanners 20x22mm	Nos	12	TAPARIA / STANLEY/MEKASTER	
49	Double open end spanners 21x23mm	Nos	12	TAPARIA / STANLEY/MEKASTER	
50	Double open end spanners 24x27mm	Nos	12	TAPARIA / STANLEY/MEKASTER	
51	Double open end spanners 25x28mm	Nos	12	TAPARIA / STANLEY/MEKASTER	
52	Double open end spanners 30x32mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
53	Double open end spanners 32x36mm	Nos	2	TAPARIA / STANLEY/MEKASTER	
54	Double open end spanners 34x36mm	Nos	2	TAPARIA / STANLEY/MEKASTER	
55	Double open end spanners 36x41mm	Nos	2	TAPARIA / STANLEY/MEKASTER	
56	Double open end spanners 41x46mm	Nos	2	TAPARIA / STANLEY/MEKASTER	
57	Double open end spanners 46x50mm	Nos	2	TAPARIA / STANLEY/MEKASTER	
58	Double open end spanners 50x55mm	Nos	2	TAPARIA / STANLEY/MEKASTER	
59	Double open end spanners 55x60mm	Nos	2	TAPARIA / STANLEY/MEKASTER	
60	Offset ring end spanners 6x7mm	Nos	27	TAPARIA / STANLEY/MEKASTER	
61	Offset ring end spanners 8x9mm	Nos	27	TAPARIA / STANLEY/MEKASTER	
62	Offset ring end spanners 10x11mm	Nos	27	TAPARIA / STANLEY/MEKASTER	

Daewoo
06/08/2014

SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF TOOLS & PLANTS FOR NELS DAUND

63	Offset ring end spanners 12x13mm	Nos	27	TAPARIA / STANLEY/MEKASTER	
64	Offset ring end spanners 14x15mm	Nos	27	TAPARIA / STANLEY/MEKASTER	
65	Offset ring end spanners 16x17mm	Nos	27	TAPARIA / STANLEY/MEKASTER	
66	Offset ring end spanners 18x19mm	Nos	27	TAPARIA / STANLEY/MEKASTER	
67	Offset ring end spanners 20x22mm	Nos	27	TAPARIA / STANLEY/MEKASTER	
68	Offset ring end spanners 21x23mm	Nos	27	TAPARIA / STANLEY/MEKASTER	
69	Offset ring end spanners 24x27mm	Nos	27	TAPARIA / STANLEY/MEKASTER	
70	Offset ring end spanners 25x28mm	Nos	27	TAPARIA / STANLEY/MEKASTER	
71	Offset ring end spanners 30x32mm	Nos	27	TAPARIA / STANLEY/MEKASTER	
72	Offset ring end spanners 32x36mm	Nos	2	TAPARIA / STANLEY/MEKASTER	
73	Offset ring end spanners 36x41mm	Nos	2	TAPARIA / STANLEY/MEKASTER	
74	Offset ring end spanners 41x46mm	Nos	2	TAPARIA / STANLEY/MEKASTER	
75	Offset ring end spanners 46x50mm	Nos	2	TAPARIA / STANLEY/MEKASTER	
76	Offset ring end spanners 50x55mm	Nos	2	TAPARIA / STANLEY/MEKASTER	
77	Offset ring end spanners 55x60mm	Nos	2	TAPARIA / STANLEY/MEKASTER	
78	Single end open jaw spanner 24mm	Nos	30	TAPARIA / STANLEY/MEKASTER	
79	Single end open jaw spanner 26mm	Nos	30	TAPARIA / STANLEY/MEKASTER	
80	Single end open jaw spanner 27mm	Nos	30	TAPARIA / STANLEY/MEKASTER	
81	Single end open jaw spanner 30mm	Nos	30	TAPARIA / STANLEY/MEKASTER	
82	Single end open jaw spanner 32mm	Nos	30	TAPARIA / STANLEY/MEKASTER	
83	Single end open jaw spanner 33mm	Nos	30	TAPARIA / STANLEY/MEKASTER	
84	Single end open jaw spanner 34mm	Nos	30	TAPARIA / STANLEY/MEKASTER	
85	Single end open jaw spanner 36mm	Nos	30	TAPARIA / STANLEY/MEKASTER	
86	Single end open jaw spanner 38mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
87	Single end open jaw spanner 41mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
88	Single end open jaw spanner 42mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
89	Single end open jaw spanner 46mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
90	Single end open jaw spanner 50mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
91	Single end open jaw spanner 55mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
92	Single end open jaw spanner 60mm	Nos	5	TAPARIA / STANLEY/MEKASTER	

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06/08/2024

SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF TOOLS & PLANTS FOR NELS DAUND

93	Single end open jaw spanner 65mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
94	Open jaw slugging, Wrench 24mm	Nos	10	TAPARIA / STANLEY/MEKASTER	
95	Open jaw slugging, Wrench 27mm	Nos	10	TAPARIA / STANLEY/MEKASTER	
96	Open jaw slugging, Wrench 30mm	Nos	10	TAPARIA / STANLEY/MEKASTER	
97	Open jaw slugging, Wrench 32mm	Nos	10	TAPARIA / STANLEY/MEKASTER	
98	Open jaw slugging, Wrench 33mm	Nos	10	TAPARIA / STANLEY/MEKASTER	
99	Open jaw slugging, Wrench 34mm	Nos	10	TAPARIA / STANLEY/MEKASTER	
100	Open jaw slugging, Wrench 36mm	Nos	10	TAPARIA / STANLEY/MEKASTER	
101	Open jaw slugging, Wrench 41mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
102	Open jaw slugging, Wrench 42mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
103	Open jaw slugging, Wrench 46mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
104	Open jaw slugging, Wrench 50mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
105	Open jaw slugging, Wrench 55mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
106	Open jaw slugging, Wrench 60mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
107	Adjustable spanner 100mm	Nos	8	TAPARIA / STANLEY/MEKASTER	
108	Adjustable spanner 150 mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
109	Tublar double sided Box end wrench 6x7mm	Nos	15	TAPARIA / STANLEY/VENUS	
110	Tublar double sided Box end wrench 8x9mm	Nos	15	TAPARIA / STANLEY/VENUS	
111	Tublar double sided Box end wrench 10x11mm	Nos	15	TAPARIA / STANLEY/VENUS	
112	Tublar double sided Box end wrench 12x13mm	Nos	15	TAPARIA / STANLEY/VENUS	
113	Tublar double sided Box end wrench 14x15mm	Nos	15	TAPARIA / STANLEY/VENUS	
114	Tublar double sided Box end wrench 16x17mm	Nos	15	TAPARIA / STANLEY/VENUS	
115	Tublar double sided Box end wrench 18x19mm	Nos	15	TAPARIA / STANLEY/VENUS	
116	Screwdriver slotted 3x50mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
117	Screwdriver slotted 3x75mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
118	Screwdriver slotted 3x100mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
119	Screwdriver slotted 3x150mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	

SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF TOOLS & PLANTS FOR NELS DAUND

120	Screwdriver slotted 4x75mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
121	Screwdriver slotted 4x150mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
122	Screwdriver slotted 6x100mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
123	Screwdriver slotted 6x150mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
124	Screwdriver slotted 6x200mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
125	Screwdriver slotted 6x250mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
126	Screwdriver slotted 6x300mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
127	Screwdriver slotted 8x150mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
128	Screwdriver slotted 8x200mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
129	Screwdriver slotted 8x250mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
130	Screwdriver slotted 8x300mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
131	Screwdriver Philips #0x50mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
132	Screwdriver Philips #0x100mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
133	Screwdriver Philips #0x150mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
134	Screwdriver Philips #1x100mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
135	Screwdriver Philips #1x150mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
136	Screwdriver Philips #1x200mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
137	Screwdriver Philips #2x100mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
138	Screwdriver Philips #2x150mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
139	Screwdriver Philips#2x200mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	

SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF TOOLS & PLANTS FOR NELS DAUND

140	Screwdriver Philips#2x250mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
141	Screw driver Philips#2x300mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
142	Screwdriver Philips #3x150mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
143	Screwdriver Philips #3x200mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
144	Screwdriver Philips #3x250mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
145	Screwdriver Philips #3x300mm	Nos	27	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
146	Screwdriver Philips 2-in-1 #2xFlat 6.0mmx28mm (stubby)	Nos	30	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
147	Screwdriver Philips 2-in-1 #0xFlat 3.5mm x 55mm	Nos	30	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
148	Screwdriver Philips 2-in-1 #1xFlat 5.0mm x 75mm	Nos	30	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
149	Screwdriver Philips 2-in-1 #00xFlat 2.3mm x 60mm	Nos	30	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
150	Screwdriver Philips 2-in-1 #1xphillips #0x200mm	Nos	30	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
151	Screwdriver Philips 2-in-1 #2xphillips #1x200mm	Nos	30	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
152	Screwdriver Philips 2-in-1 #3xphillips #2x200mm	Nos	30	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
153	Screwdriver Philips 2-in-1 #2xFlat 6.0mm x 250mm, Insulated	Nos	30	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
154	Screwdriver Philips 2-in-1 #2xFlat 6.0mm x 100mm, Insulated	Nos	30	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
155	Screwdriver Philips 2-in-1 #2xFlat 6.0mm x 140mm, Insulated	Nos	30	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
156	Screwdriver Philips 2-in-1 #3xFlat 8.0mm x 140mm, Insulated	Nos	30	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
157	Screwdriver Philips 2-in-1 #2xFlat 6.0mm x 200mm, Insulated	Nos	30	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
158	Screwdriver Philips Round #2x24"	Nos	7	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	
159	Screwdriver slotted keystone Round 1/4"x24"	Nos	7	TAPARIA / STANLEY/CRAFTSMAN, KLEIN	

06/08/2014

SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF TOOLS & PLANTS FOR NELS DAUND

160	Sliding T-Bar 1/2" square drive	Nos	3	TAPARIA / STANLEY/MEKASTER	
161	Sliding T-Bar 3/8" square drive	Nos	3	TAPARIA / STANLEY/MEKASTER	
162	L-HANDLE 1/2" square drive	Nos	5	TAPARIA / STANLEY/MEKASTER	
163	Speeder handle 3/8" square drive	Nos	5	TAPARIA / STANLEY/MEKASTER	
164	Speeder handle	Nos	5	TAPARIA / STANLEY/MEKASTER	
165	Quick release pear head ratchet 3/8" square drive	Nos	5	TAPARIA / STANLEY/MEKASTER	
166	Quick release pear head ratchet 1/2" square drive	Nos	5	TAPARIA / STANLEY/MEKASTER	
167	Ratchet round head 1/2" square drive	Nos	5	TAPARIA / STANLEY/MEKASTER	
168	Extension bar 3/8" square drive, length 254mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
169	Extension bar 1/2" square drive, length 254mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
170	Impact sockets single/double Hex, square drive 1/2" 8mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
171	Impact sockets single/double Hex, square drive 3/8" 8mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
172	Impact sockets single/double Hex, square drive 1/2" 10mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
173	Impact sockets single/double Hex, square drive 3/8" 10mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
174	Impact sockets single/double Hex, square drive 1/2" 11mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
175	Impact sockets single/double Hex, square drive 3/8" 11mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
176	Impact sockets single/double Hex, square drive 1/2" 12mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
177	Impact sockets single/double Hex, square drive 3/4" 12mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
178	Impact sockets single/double Hex, square drive 1/2" 13mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
179	Impact sockets single/double Hex, square drive 3/4" 13mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
180	Impact sockets single/double Hex, square drive 1/2" 14mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
181	Impact sockets single/double Hex, square drive 3/4" 14mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
182	Impact sockets single/double Hex, square drive 1/2" 15mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
183	Impact sockets single/double Hex, square drive 3/4" 15mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
184	Impact sockets single/double Hex, square drive 1/2" 16mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
185	Impact sockets single/double Hex, square drive 3/4" 16mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
186	Impact sockets single/double Hex, square drive 1/2" 17mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
187	Impact sockets single/double Hex, square drive 3/4" 17mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
188	Impact sockets single/double Hex, square drive 1/2" 18mm	Nos	4	TAPARIA / STANLEY/MEKASTER	
189	Impact sockets single/double Hex, square drive 3/4" 18mm	Nos	4	TAPARIA / STANLEY/MEKASTER	

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26/08/2024

SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF TOOLS & PLANTS FOR NELS DAUND

190	Impact sockets single/double Hex, square drive 1" 19mm	Nos	4	TAPARIA / STANLEY/MEKASTER	
191	Impact sockets single/double Hex, square drive 3/4" 19mm	Nos	4	TAPARIA / STANLEY/MEKASTER	
192	Impact sockets single/double Hex, square drive 1" 21mm	Nos	4	TAPARIA / STANLEY/MEKASTER	
193	Impact sockets single/ double Hex, square drive 3/4" 21mm	Nos	4	TAPARIA / STANLEY/MEKASTER	
194	Impact sockets single/double Hex, square drive 1" 22mm	Nos	4	TAPARIA / STANLEY/MEKASTER	
195	Impact sockets single/double Hex, square drive 3/4" 22mm	Nos	4	TAPARIA / STANLEY/MEKASTER	
196	Impact sockets single/double Hex, square drive 1" 24mm	Nos	4	TAPARIA / STANLEY/MEKASTER	
197	Impact sockets single/double Hex, square drive 3/4" 24mm	Nos	4	TAPARIA / STANLEY/MEKASTER	
198	Impact sockets single/double Hex, square drive 1" 28mm	Nos	4	TAPARIA / STANLEY/MEKASTER	
199	Impact sockets single/double Hex, square drive 3/4" 28mm	Nos	4	TAPARIA / STANLEY/MEKASTER	
200	Impact sockets single/double Hex, square drive 1" 30mm	Nos	4	TAPARIA / STANLEY/MEKASTER	
201	Impact sockets single/double Hex, square drive 3/4" 30mm	Nos	4	TAPARIA / STANLEY/MEKASTER	
202	Impact sockets single/double Hex, square drive 1" 32mm	Nos	4	TAPARIA / STANLEY/MEKASTER	
203	Impact sockets single/double Hex, square drive 3/4" 32mm	Nos	4	TAPARIA / STANLEY/MEKASTER	
204	Impact sockets single/double Hex, square drive 1" 36mm	Nos	4	TAPARIA / STANLEY/MEKASTER	
205	Impact sockets single/double Hex, square drive 3/4" 36mm	Nos	4	TAPARIA / STANLEY/MEKASTER	
206	Impact sockets single/double Hex, square drive 1" 46mm	Nos	4	TAPARIA / STANLEY/MEKASTER	
207	Impact sockets single/double Hex, square drive 3/4" 46mm	Nos	4	TAPARIA / STANLEY/MEKASTER	
208	Nut spinners 5.5mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
209	Nut spinners 6mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
210	Nut spinners 7mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
211	Nut spinners 8mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
212	Nut spinners 9mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
213	Nut spinners 10mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
214	Nut spinners 11mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
215	Nut spinners 12mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
216	Nut spinners 13mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
217	spinners 14mm Nut	Nos	5	TAPARIA / STANLEY/MEKASTER	
218	6 Point T-handle 8mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
219	6 Point T-handle 9mm	Nos	5	TAPARIA / STANLEY/MEKASTER	

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SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF TOOLS & PLANTS FOR NELS DAUND

220	6 Point T-handle 10mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
221	6 Point T-handle 11mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
222	6 Point T-handle 12mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
223	6 Point T-handle 13mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
224	6 Point T-handle 14mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
225	6 Point T-handle 17mm	Nos	5	TAPARIA / STANLEY/MEKASTER	
226	Mechanical torque wrench- Ratcheting type, square drive-3/8" 3-14Nm	Nos	5	TAPARIA / STANLEY/MEKASTER	
227	Mechanical torque wrench- Ratcheting type, square drive-3/8" 5-35Nm	Nos	5	TAPARIA / STANLEY/MEKASTER	
228	Mechanical torque wrench- Ratcheting type, square drive-1/2" 14-68Nm	Nos	5	TAPARIA / STANLEY/MEKASTER	
229	Mechanical torque wrench- Ratcheting type, square drive-1/2" 25-135Nm	Nos	2	TAPARIA / STANLEY/MEKASTER	
230	Mechanical torque wrench- Ratcheting type, square drive-1/2" 50-220Nm	Nos	2	TAPARIA / STANLEY/MEKASTER	
231	Mechanical torque wrench- Ratcheting type, square drive-1/2" 70-340N m	Nos	2	TAPARIA / STANLEY/MEKASTER	
232	Mechanical torque wrench- Ratcheting type, square drive-3/4" 130-540Nm	Nos	1	TAPARIA / STANLEY/MEKASTER	
233	Mechanical torque wrench- Ratcheting type, square drive-1" 540-1380N m	Nos	1	TAPARIA / STANLEY/MEKASTER	
234	Tool set-150PC 150pc	Sets	3	STANLEY/HITACHI, Black & Decker	
235	Drive metric socket set 3/8" 24pc	Sets	3	STANLEY/HITACHI, Black & Decker	
236	Drive metric socket set 1/2" 24pc	Sets	2	STANLEY/HITACHI, Black & Decker	
237	Drive metric socket set 3/4" 19pc	Sets	1	STANLEY/HITACHI, Black & Decker	
238	Centre punch 8mm-5/16x115mm-4 1/2	Nos	2	TAPARIA / STANLEY/HITACHI	
239	Variable speed head gun 2000w	Nos	1	STANLEY/STPT600 HITACHI, Black & Decker/Bosch/MAKITA	
240	Variable speed head gun 600w	Nos	1	STANLEY/STPT600 HITACHI, Black & Decker/Bosch/MAKITA	
241	HSS Pro drill bit sets 1.0-13mm in step of 05mm	Nos	1	JK/HSS	
242	Continuity Tester with indication and buzzer 03 volt DC including 2nos. Pencil battery of 1.5 volts	Nos	2	Stanley/Taparia	

Ircon International Limited

Radan
06/08/2024

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Digitally signed by JAYAKRISHNAN
CHANDRASEKARAN NAIR
Date: 2024.12.05 15:18:13 IST
Location: eProcurement System for
Central PSUs