

**Project Name :- CEDA**

**Location :- Red Deer, Alberta**

**Estimate Date :- 19th January 2019**

**Estimator :- Tesbee Consultancy**

### Miscellaneous Steel Estimate

	Description	Unit	QTY	Material Rate	Material Amount	Labor Rate	Labor Amount	Unit Rate	Amount
	<b>Miscellaneous Steel</b>								
1	<p><b>Stair 1</b> 42mm dia steel pipe handrail painted, 12mm dia Bent Bar welded to 8mm thick x 65mm dia steel Mounting plate fastened to face of wall</p> <p>2050mm Long x 320mm width steps, 3mm Bent Plate Filled with concrete consist of welded wire fabric 152 x 152 MW 18.7 x MW18.7 welded to C250x23 Stringer on Both side</p> <p>1500mm x 1200mm intermediate Landing placed on C200x17 supported by L51x51x4.8 @400 O.C 3mm 6mm Plate filled with concrete consist of welded wire fabric 152 x 152 MW 18.7 x MW18.7</p> <p>place a 19mm Plywood to cover purlin, plywood is to be sitted and fixed to 40x64mm Wood Pieces fixed to structural Members</p> <p>Metal Stair with 13 Steps</p>	m	9.20	55.00	506.00	130.00	1,196.00	185.00	1,702.00
		Nos	1.00	1,914.25	1,914.25	1,729.00	1,729.00	3,643.25	3,643.25
2	<p><b>Stair 2</b> 42mm dia steel pipe handrail painted, 12mm dia Bent Bar welded to 8mm thick x 65mm dia steel Mounting plate fastened to face of wall</p> <p>2050mm Long x 320mm width steps, 3mm Bent Plate Filled with concrete consist of welded wire fabric 152 x 152 MW 18.7 x MW18.7 welded to C250x23 Stringer on Both side</p> <p>1725mm x 1500mm intermediate Landing placed on C200x17 supported by L51x51x4.8 @400 O.C 3mm 6mm Plate filled with concrete consist of welded wire fabric 152 x 152 MW 18.7 x MW18.7</p> <p>place a 19mm Plywood to cover purlin, plywood is to be sitted and fixed to 40x64mm Wood Pieces fixed to structural Members</p> <p>Metal Stair with 13 Steps</p>	m	9.20	55.00	506.00	130.00	1,196.00	185.00	1,702.00
		Nos	1.00	2,015.00	2,015.00	1,820.00	1,820.00	3,835.00	3,835.00
3	150mm Dia 6mm Thick Steel Pipe Post at all Exterior Overhead Grade Door Openings 1200mm Total Length 1200mm above Grade (Option A 16 Nos Considered)	Nos	16.00	290.00	4,640.00	260.00	4,160.00	550.00	8,800.00

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	Description	Unit	QTY	Material Rate	Material Amount	Labor Rate	Labor Amount	Unit Rate	Amount
4	Wall-mounted vertical Roof Access Ladder inside file room to roof Height (Straight) 4200mm width 700mm	Nos	1.00	700.00	700.00	850.00	850.00	1,550.00	1,550.00
5	800mm x 1100mm Roof Access Hatch	Nos	1.00	380.00	380.00	520.00	520.00	900.00	900.00
6	Sump lids, edge angles as per division 3: 2 Nos of 2'-6" x 5' sumps (Assumed L76x76x6.4)	Kg	61.00	2.91	177.51	3.14	191.54	6.05	369.05
<b>Total</b>					<b>10,838.76</b>		<b>11,662.54</b>		<b>22,501.30</b>
	<b>Insurance</b>	<b>3%</b>							<b>675.04</b>
	<b>Overhead and Profit</b>	<b>22%</b>							<b>4,950.29</b>
	<b>Total Amount</b>				<b>13,548.45</b>		<b>14,578.18</b>		<b>28,126.63</b>

**Note:**