

BOQ of Civil work for Wendy's, Bangalore Airport, T2

PO-BLR/PO/23-24/000670

**SHAH ENTERPRISES PO NO.000670
WENDY'S CIVIL & INTERIOR WORKS**

SL NO.	Description	BOQ	RA-1	RA -2	FINAL BILL
1	Civil work	12,73,350	9,64,440	12,09,683	10,92,593
2	Carpentry work	21,24,828	9,43,861	20,16,595	17,45,449
	TOTAL	33,98,178	19,08,301	32,26,278	28,38,042
	Discount	3,39,818	1,90,830	3,22,628	2,83,804
	Extra items				3,77,507
	Grand Total	30,58,360	17,17,471	29,03,650	29,31,745
					29,03,650
	GST		3,09,145	5,22,657	28,095
AMOUNT WITH GST					

(RUPEES TWENTY EIGHT THOUSAND NINTY FIVE ONLY)



CERTIFIED BY
RANJANDAS SHETTY

ACCETPED BY
SHAH ENTERPRISES

BOQ of Civil work for Wendy's, Bangalore Airport, T2

SR.NO.	ITEM	DESCRIPTION	UNIT	QTY.SFT/RFT	BOQ			RA-1		RA-2		FINAL BILL			
					RATE	AMOUNT		QTY	%	AMOUNT	QTY	%	AMOUNT		
IV. STONE & TILE WORKS															
1	KOTA Flooring	Laying machine cut, machine polished approved 25mm thick Kota stone flooring, stone to be machine cut, machine polished, laid in pattern and sizes as detailed in drawing or as directed by PM, bedded over cement sand mortar of mix ratio of 1:6 (1 cement : 6 sand) including cleaning and preparing the surface for bedding, spreading neat cement slurry by using minimum cement about 2 kg/ sqm prior to bedding and spreading cement paste using minimum cement about 4.5 kg/sqm over bedding, joints to be cleaned and grouted with matching colour approved quality polymer based readymade grout, curing, machine polishing, cleaning, etc. to required line, level, etc. all complete at all depths, heights and leads to the satisfaction of the PM Size : 600x600 Basic Rate : 55 Per SFT Location: Kitchen (BOH)	SQMT	65	3,336	2,16,840	65	80%	1,73,472	65	95%	2,05,998	59.23	100%	1,97,605
2	Floor Tiles	Providing and fixing Tiles (Full body) of 600 x 600 which includes approved make of adhesive like bal Endura or equivalent, grey cement paste with backing coat of 1:3 cement mortar not less than 14mm thick as & where ever required, joint filler of approved make and colour, as and where ever required, in proper line and level in all direction, at all height with lead and lift, polishing/finishing/cleaning etc. as per design. Size - 600x600. "MARFIL-PAPIER TERRAIN-RUSTIC FINISH (FULL BODY) Location: Dining Area	SQMT	40	3,444	1,37,760	40	80%	1,10,208	40	95%	1,30,872	33.55	100%	1,15,546
3	Tile skirting	Fixing & laying of 100mm high (or as stated in the drawings) tiles for skirting with bedding of appropriate approved make adhesive & colour joint filler inclusive of making all groove/chamfering/rounding/hole where ever required, in proper line and level in all direction, polishing/finishing/cleaning etc. Complete as per detail drawing, specification and as directed by	RMT	30	590	17,700	30	80%	14,160	30	95%	16,815	11.15	100%	6,579
4	Granite Threshold	P&F of Black granite threshold at the edges of the airport and outlet flooring as per design drawing 150mm wide granite threshold Basic Rate of granite : 250/300 per SFT	RMT	20	1,640	32,800	20	80%	26,240	20	95%	31,160	14.05	100%	23,044

SR.NO.	ITEM	DESCRIPTION	UNIT	QTY.SFT/RFT	RATE	AMOUNT	RA-1		RA-2		FINAL BILL				
							QTY	%	AMOUNT	QTY	%	AMOUNT	%	AMOUNT	
5	Sada Wall Tiles for kitchen	Providing and fixing Ceramic wall tiles which includes-approved make of adhesive like bal Endura or equivalent, grey cement paste with backing coat of 1:3 cement mortar not less than 12mm thick as & where ever required, joint filler of approved make and colour, as and where ever required, in proper line and level in all direction, at all height with lead and lift, polishing/finishing/cleaning etc as per design, drawing and directed by PMC etc. all complete. (Color - white/ivory) Size : 300x600. Rate : 45per SFT Location: Kitchen wall upto 2400mm	SQMT	100	2,300	2,30,000	100	80%	1,84,000	# 95%	2,18,500	76.57	100%	1,76,111	
6	Display wall tiles (Grey Subway tiles)	Providing and fixing Glazed subway wall tiles which includes-approved make of adhesive like bal Endura or equivalent, grey cement paste with backing coat of 1:3 cement mortar not less than 12mm thick as & where ever required, joint filler of approved make and colour, as and where ever required, in proper line and level in all direction, at all height with lead and lift, polishing/finishing/cleaning etc as per design, drawing and directed by PMC etc. all complete. (Color - white/ivory) Size : 100x300 RMT or 75x300 RMT, Rate : 200 per sqft Location: Display walls BOH area upto 2400mm	SQMT	40	3,874	1,54,960	40	80%	1,23,968	40	95%	1,47,212	35.69	100%	1,38,279
7	SS Corner Guard	P&F of 304 grade 3mm thick SS Corner guard (30mm x 30mm, mat finished as per approved sample) fixing with conceal tile on each corner of the kitchen's wall before cladding of tiles, so that the corner may be protected from the damages. Complete in proper line & level and site engineer's	RMT	30	2,132	63,960	30	80%	51,168	30	95%	60,762	21.60	100%	46,051
8	Flooring Protection	Providing & Laying PVC sheet for protecting the surface including cleaning all as detailed in technical specification, drawings and that of approved flooring manufacturer complete etc. to entire satisfaction of the PM.	SQMT	110	755	83,050	110	80%	66,440	# 95%	78,898	92.78	100%	70,052	
9	Kota stone Ramp	Providing & fixing of 1200mm wide ramp including filling in slope 1:10 finished with kota stone. the ramp to have 100mm-150mm stone strips in opposite direction. including cleaning all as detailed in technical specification, drawings and that of approved flooring manufacturer complete etc. to entire satisfaction of the PM.	SQMT	2	10,500	21,000	2	80%	16,800	2	95%	19,950	2.02	100%	21,158

SR.NO.	ITEM	DESCRIPTION	UNIT	QTY./SFT/RFT	RATE	RA-1			RA-2			FINAL BILL			
						AMOUNT	QTY	%	AMOUNT	QTY	%	AMOUNT	%		
10	Display wall tiles (Dining area- Behind banquet seating)	Providing and fixing of matt subway wall tiles in suggested pattern as per drawings which includes- approved make of adhesive like bal Endura or equivalent, grey cement paste with backing coat of 1:3 cement mortar not less than 12mm thick as & where ever required, joint filler of approved make and colour, as and where ever required, in proper line and level in all direction, at all height with lead and lift, polishing/finishing/cleaning etc as per design drawing and directed by PMC etc. all Size : 101x203 MM, Rate : 200 per SFT Location: Display walls FOH area behind banquet seating upto 1100mm ht.	SQMT	10	4,304	43,040	10	80%	34,432	10	95%	40,888	6.99	100%	30,063
11	Display wall tiles- Clay brick tiles	Providing and fixing clay brick wall tiles finishes in app. paint which includes-approved make of adhesive like bal Endura or equivalent, grey cement paste with backing coat of 1:3 cement mortar not less than 12mm thick as & where ever required, joint filler of approved make and colour, as and where ever required, in proper line and level in all direction, at all height with lead and lift, polishing/finishing/cleaning etc as per design drawing and directed by PMC etc. all complete. Size : 75x300 MM, Rate : 200 per SFT	SQMT	15	4,520	67,800	15	95%	64,410	10.95	100%	49,485			
12	Display wall tiles- brick tiles; same as existing airport façade	Providing and fixing clay brick wall tiles which includes-approved make of adhesive like bal Endura or equivalent, grey cement paste with backing coat of 1:3 cement mortar not less than 12mm thick as & where ever required, joint filler of approved make and colour, as and where ever required, in proper line and level in all direction, at all height with lead and lift, polishing/finishing/cleaning etc as per design drawing and directed by PMC etc. all Size : Same as existing airport tiles, Rate : 200 per SFT Location: Façade above window signage upto 3000mm ht.	SQMT	40	5,111	2,04,440	40	80%	1,63,552	40	95%	1,94,218	42.77	100%	2,18,622
TOTAL OF CIVIL WORK						12,73,350			9,64,440			12,09,683			10,92,593

BOQ of Civil work for Wendy's, Bangalore Airport, T2															
SR.NO.	ITEM	DESCRIPTION	UNIT	QTY.	BOQ			RA-1			RA-2			FINAL BILL	
					RATE	AMOUNT		QTY	%	AMOUNT	QTY	%	AMOUNT		
I. CEILING WORKS															
1	Open cell metal ceiling	P&F of open cell/ Baffle ceiling consisting of 0.87kg Aluminium cells of Size : 200mmx200mm in powder coating. False Ceiling with necessary supports , hangers etc. provided to install light fitting , fresh air grill etc. (from Hunter Douglas or Armstrong) Armstrong ceiling solutions- Cello cell (solid color) size: 200 x 200 mm Location: Dining area FOH ceiling	SQMT	40	3,605	1,44,200	40	40%	57,680	40	95%	1,36,990	36.41	100%	1,31,251
2	Metal Grid ceiling	P&F of false ceiling consisting of 20g Aluminium planks made of pre-coated (Top & Bottom) & Size : 600mmx600mm tiles . False Ceiling with necessary supports , hangers etc. provided to install light fitting , fresh air grill etc. (from Hunter Douglas or Armstrong) Location: Kitchen area BOH ceiling	SQMT	60	2,583	1,54,980	60	40%	61,992	60	95%	1,47,231	44.84	100%	1,15,824
II. PAINTING WORKS															
1	POP Punning	Providing and applying Plaster of Paris punning of average thickness 12-18mm to existing wall surfaces in true level and plumb complete as per design and drawing. Cleaning the surface properly with sand paper, filling cracks/holes with plaster of Paris. Applying lambi / putty (lambi/putty will be of good quality) sand papering the putty work on chamfers, etc.at any / all heights. Rate include cost for making grooves up to 12mm thick if required in horizontal or vertical direction near doors, windows, skirting, floor covering, masking tape and cleaning the area all complete as per drawing. <small>Location: Dining area BOH ceiling</small>	SQMT	35	538	18,830	35	80%	15,064	35	95%	17,889	35.23	100%	18,952
2	Wall paint - Kitchen area	Providing & applying three (03) coats of approved acrylic wall paint on walls including scraping, primer , filling with putty etc. complete with final coat no brush mark to be visible after painting colour shade as specified. Location: Kitchen area	SQMT	60	807	48,420	60	95%	45,999	60	95%	45,999	9.25	100%	7,462
4	Texture wall paint- 01_ Behind banquet seating	Providing & applying three (03) coats of approved texture paint on walls including scraping, primer , filling with putty etc. complete with final coat no brush mark to be visible after painting colour shade as specified. Location: Dining area	SQMT	20	3,071	61,410	20	95%	58,340	20	95%	58,340	14.72	100%	45,198

SR.NO.	ITEM	DESCRIPTION	UNIT	QTY.	RATE	AMOUNT	QTY	%	AMOUNT	QTY	%	AMOUNT
I. CEILING WORKS												
6	Metal ceiling paint on existing GI sheets and MS beams - Dining area	Providing & applying Three (03) coats of approved black metallic paint (enamel) on exposed surface. Complete with final coat no brush mark to be visible after painting colour shade as specified. Location: Dining area	SQMT	50	1,345	67,250	50	95%	63,888	33.55	100%	45,125
7	Wall paint above false ceiling level- Dining area	Providing & applying of approved texture paint on walls including scraping, primer, filling with putty etc. complete with final coat no brush mark to be visible after painting colour shade as specified. Location: Dining area	SQMT	25	807	20,175	25	95%	19,166	25.91	100%	20,910
7	Wendy's cameo handpainted- Interior	Providing & applying of approved interior wall paint of Wendy's cameo on walls including scraping, primer, filling with putty etc. complete with final coat no brush mark to be visible after painting colour shade as specified. Location: Dining area	SQMT	6	3,842	23,052	6	95%	21,899	10.95	100%	42,062
7	Wendy's cameo handpainted- Exterior	Providing & applying of approved exterior wall paint of Wendy's cameo on walls including scraping, primer, filling with putty etc. complete with final coat no brush mark to be visible after painting colour shade as specified. Location: façade	SQMT	15	3,842	57,630	15	95%	54,749	0.00	100%	-
9	Exposed duct	Providing & applying Three (03) coats of enamel paint (as per approved shade) on exposed surface on metal duct including removing of old paint, required zink oxide paint etc. complete with final coat no brush mark to be visible after painting colour shade as specified. Location: Dining FOH area	SQMT	20	1,258	25,160	20	95%	23,902	40.00	100%	50,320
10	Fire Sprinkler	Providing & applying Three (03) coats of fire rated paint as per standard on exposed surface on metal including removing of old paint etc. complete with final coat no brush mark to be visible after painting colour shade as specified.	SQMT	10	914	9,140	-	95%	-	10.00	100%	9,140
III. CARPENTRY WORKS												
A. DOORS												



SR.NO.	ITEM	DESCRIPTION	UNIT	QTY.	RATE	AMOUNT	QTY	%	AMOUNT	QTY	%	AMOUNT	
I. CEILING WORKS													
1	Fire rated S	Providing & fixing in Single Leaf sliding door of 38mm thk fire rated flush door of approved make, including 12mm thk wooden liping all around. P/F of 18mm thk plywood pelmet to hide the sliding channel finished with approved laminate. Applicable hardware's such as s/s conceal handles, sliding channel, door lock, tower bolt any other hardware etc required to complete the related works as per design & detail. door hardware make consider Dorma /	NOS	1	61,000	61,000	1	80%	48,800	1	95%	57,950	61,000
2	Glass door with wooden frame- Single Leaf	Providing & fixing in position Single Leaf door of 12mm thk toughened glass and 150mm x 50mm thk teak wooden frame of approved make & thickness or equivalent with water-based PU ploish polish finish. . Size of the frame approximate 150 wide X 50mm thick. Applicable hardware's such as s/s wooden designer handles, heavy duty floor spring, dead lock, and any other hardware etc required to complete the related works as per design & detail. door hardware make consider Dorma / Hafele/Ozon /equilient	NOS	1	70,000	70,000	1	40%	28,000	1	95%	66,500	70,000
3	Glass door with wooden frame- Double Leaf	Providing & fixing in position double Leaf door of 12mm thk toughened glass and 150mm x 50mm thk teak wooden frame of approved make & thickness or equivalent with water-based PU ploish polish finish. . Size of the frame approximate 150 wide X 50mm thick. Applicable hardware's such as s/s wooden designer handles, heavy duty floor spring, dead lock, and any other hardware etc required to complete the related works as per design & detail. door hardware make consider Dorma / Hafele/Ozon /equilient	NOS	1	1,03,000	1,03,000	1	40%	41,200	1	95%	97,850	1,03,000
B. COUNTER & BULKHEAD													
1	POS counte	P/F of 800mm Deep counter/ unit to be made out of 19mm thk plywood of approved make branded BWR Ply (Calibrated, IS 303) -- Greenply or Equivalent brand fixed on 20 x 40mm Aluminium box frame at 600mm C/C Horizontally and vertically to maintain gap between wall and panel as directed in detail drawing. The counter front apron to be cladded in app. veneer with pattern as per drawing finished in melamine polish with 100mm high SS skirting	RMT	3	4,608	11,520	3	60%	6,912	3	95%	10,944	11,520

SR.NO.	ITEM	DESCRIPTION	UNIT	QTY.	RATE	AMOUNT	QTY	%	AMOUNT	QTY	%	AMOUNT			
I. CEILING WORKS															
	b.	12mm thk corian to be fixed on existing counter as directed in detail drawing. The counter fascia to be 75mm high as per drawing. Corian basic rate: 400 per SFT	SQMT	2	20,058	40,116	2	60%	24,070	2	95%	38,110	2.00	100%	40,116
	c.	Front Apron to be to be clad with app. veneer with pattern/ grooves as per drawing finished in water based PU polish. Veneer Basic rate: 140/ Sft.	SQMT	3	13,602	40,806	3	60%	24,484	3	95%	38,766	2.75	100%	37,406
	d.	35mm Dia SS foot rail in app. finish at the bottom.	RMT	3	10,644	26,610	3	95%	-	3	95%	30,335	2.10	100%	22,352
	e.	100mm high SS Skirting	RMT	3	3,444	8,610	3	95%	-	3	95%	9,815	7.53	100%	25,933
		P/F of wicket door in 19mm thk plywood of app. make & brand on both sides with 20 x 40 mm aluminium framework 400 x 400mm C/C Vertically and horizontally in proper line & Level.													
2	Wicket door	The shutter front be clad with app. veneer with pattern as per drawing finished in water based PU polish and backside to be finished in 1mm thk app. laminate. the top to have 12thk corian size of 75mm x 75mm height. Rate including all necessary hardware fittings to install, tower bolt, heavy ducy spring hinges, scaffolding, etc. as required	NOS	1	25,500	25,500	1	95%	-	1	95%	24,225	1.00	100%	25,500
		Plywood - branded BWR ply Ply (MR Calibrated, IS 303) -- Greenply or Equivalent brand Laminate Make - Euro/Greenlam/Merino/ or equivalent (Basic Rate- 40 Sq. ft.) Veneer Make - Euro/Greenlam/Merino/ or equivalent (Basic Rate- 140 Sq. ft.)													
3	Bulkhead	P & F of 20 x 40 mm MS section framework suspended from ceiling having 19mm thk plywood boxing clad in app. veneer with pattern as per drawing finished in water based PU polish on the front and bottom side. The back side to be finished in 1mm thk app. laminate. Rate including all necessary hardware fittings to install , scaffolding, etc. as required on site. Complete as per architectural detail drawing & site engineer's instruction.													
	a.	20 x 40 mm thk MS framework at 600mm c/c horizontal & vertical member suspended from the ceiling with necessary supports.	SQMT	2	15,984	23,976	2	60%	14,386	2	95%	22,777	1.50	100%	23,976
	b.	Front & bottom made out of 19mm thk plywood branded BWR Ply (Calibrated, IS 303)	SQMT	6	7,640	42,020	6	60%	25,212	6	95%	39,919	5.54	100%	42,356
	c.	Plywood boxing to be clad with app. veneer with pattern on front and bottom as per drawing finished in water based PU polish. Veneer Basic rate: 140/ Sft.	SQMT	6	8,298	45,639	6	60%	27,383	6	95%	43,357	5.54	100%	46,004
	d.	Plywood backside to be clad with approved laminate. Laminate Basic rate: 40/ Sft	SQMT	5	6,994	31,473	5	60%	18,884	5	95%	29,899	5.54	100%	38,775

SR.NO.	ITEM	DESCRIPTION	UNIT	QTY.	RATE	AMOUNT	QTY	%	AMOUNT	QTY	%	AMOUNT			
I. CEILING WORKS															
4	Wall panelling (behind fresh since)	Providing & fixing of 19mm thk plywood panel fixed on 20mm X 40mm Aluminium box frame at 600mm C/C Horizontally and vertically to maintain gap between wall and panel as directed in detail drawing. The ply is to be cladded with app. veneer with pattern as per drawing finished in water based PU polish. Veneer Basic rate: 140/ Sft.	SQMT	9	8,169	73,521	9	60%	44,113	9	95%	69,845	5.21	100%	42,593
5	Plywood/ wooden border frame (Patti)	P&F of 100mm wide frame made out of 19mm thk plywood of approved make branded BWR Ply (Calibrated, IS 303) -- Greenply or Equivalent finished in unmatching or second class veneer with black PU paint.	RMT	10	2,160	21,600	10	60%	12,960	10	95%	20,520	9.76	100%	21,082
6	Plywood/ wooden border frame (Patti)	P&F of 100mm wide frame made out of 19mm thk plywood of approved make branded BWR Ply (Calibrated, IS 303) -- Greenply or Equivalent finished in unmatching or second class veneer with paint finished.	RMT	22	2,160	47,520	22	60%	28,512	22	95%	45,144		100%	-
7	Plywood/ wooden border frame (Patti)	P&F of 100mm wide frame made out of 19mm thk plywood of approved make branded BWR Ply (Calibrated, IS 303) -- Greenply or Equivalent finished in unmatching or second class veneer with grey paint finished.	RMT	22	2,260	49,720	22	60%	29,832	22	95%	47,234	17.40	100%	39,324
7	Isolator box	Providing & fixing of cabinet unit made out of 19mm thk plywood of approved make branded BWR Ply (Calibrated, IS 303) -- Greenply or Equivalent with opening shutter for servicing. The plywood is to be finished in unmatching or second class veneer and app. Paint on top of it.	NOS.	1	25,500	25,500	1	60%	15,300	1	95%	24,225	1.00	100%	25,500
8	Service Stat	P/F of service counters in app. veneer finished from the outer surface & top finished approved 12mm thk corian. The storage under the counter shutters made out of 25mm thk. plywood finished with 1mm thk. laminate internally. The shutters to be provided with fittings such as hinges; handles; ball catch etc. complete in all respect. The rates for the Shutters to be included. as per desian and details. Corian basic cost: 400/sft	NOS.	1	32,000	32,000	1	40%	12,800	1	95%	30,400	1.00	100%	32,000

SR.NO.	ITEM	DESCRIPTION	UNIT	QTY.	RATE	AMOUNT	QTY %	AMOUNT	QTY	%	AMOUNT
I. CEILING WORKS											
9	Banquet Set	Providing, making and fixing sofa made out of wooden frame work and clad with 19mm thk approved make branded BWR ply (MR Calibrated, IS 303) -- Greenply or Equivalent brand & approved fabric with required wooden frame, finishing/cleaning/cutting/required fixture & fasteners etc. as per design & drawing & as directed by Project Manager etc. complete. Sofa will have high density rubber foam.(Foam used should be approved and to be certified against poisonous and noxious fumes.) <small>Data include unbalanced of fabric.</small>	RMT	5	24,880	1,11,960	5 40%	44,784	5 95%	100%	1,06,362
		Veneer on exterior finish Basic cost @ 140Rs sft		-	-	-	-	-	-	-	-
		Fabric Basic cost @ 700 per MTR		-	-	-	-	-	-	-	-
C. FAÇADE											
1	Façade glass	P/F 12 mm thk. toughened glass partitions with 25 x 50mm MS framework main member in vertical and horizontal direction height upto 3200mm and intermediate member size of 25mm x 50mm in vertical and horizontal direction including 10-15mm bidding patti to fix the glass. all metal to be finished with black powder coating and all necessary required groove, wooden framing, including glass door with heavy duty floor spring fixing with approved make adhesive and fasteners, cutting/ chamfering/ groove/rounding wherever required, at all height with lead and lift, finishing, cleaning as per design and drawing etc. all complete.	SQMT	50	7,446	3,72,300	50 60%	2,23,380	50 95%	100%	3,53,685
2	Façade Bulk	P & F of 20 x 40 mm MS section framework suspended from ceiling having 19mm thk plywood boxing clad in 1-2mm thk MS plate with specific pattern/ groove as per drawing finished in black powder coat on the front and bottom side. The back side to be finished in non matching veneer and paint. Rate including all necessary hardware fittings to install , scaffolding, etc. as required on site. Complete as per architectural detail drawing & site engineer's	SQMT	14	8,025	1,12,350	14 60%	67,410	14 95%	100%	1,06,733
	a.	20 x 40 mm thk MS framework at 600mm c/c horizontal & vertical member suspended from the ceiling with necessary supports.	SQMT	14	3,985	55,790	14 60%	33,474	14 95%	100%	53,001
	b.	19mm thk plywood branded BWR Ply (Calibrated, IS 303) to be clad all side	SQMT	17	3,650	62,050	17 60%	37,230	17 95%	100%	58,948
	c	Front & bottom finished with powder coated metal sheet in specific pattern									
						21,24,828		9,43,861			20,16,595
											17,45,449