



APPENDIX

Infrastructure updates

PROGRESS POINTS SAMVID GURUKULAM SCHOOL NALAGARH as on 28 Oct 2017

(This list is being evolved so as to be a checklist and also act as feedback It is requested that any point new/ in furtherance to this list may please be replied by any of all recipients to evolve the best effects / results.)

No	Agenda	Description	Remarks
1	Sequence of immediate/ simultaneous activities	<p>Immediate activities to be undertaken :-</p> <ul style="list-style-type: none"> <li>a) <b>Internal Painting.</b> Putty 3 coats, now in progress.</li> <li>b) <b>Floor/ skirting / dado.</b> Tiles, green marble, kota stone as required in different locations needs to be completed.</li> <li>c) <b>Conduit/ wires laying.</b> Electricity / telephone-broadband pulling of wires/cables to be completed.</li> <li>d) <b>Plumbing/ Sanitary drainage.</b> Concealed CPVC pipes for plumbing / PVC pipes for drainage laying.</li> <li>e) <b>Aluminum Windows.</b> To be fixed after 3 coats of putty, completing of flooring etc, and all plastering repairs so that windows are not stained /damaged.</li> <li>f) <b>Rooftop structure.</b> Permanent specifications structure for rooftop residences/ kitchen/ mess.</li> <li>g) <b>Area development outside / site clearance.</b> These activities can start with excavation of soak well, underground sump 25000 ltr, rain water recharge well and filling of road, development of side hill / earth and path towards mandir etc.</li> <li>h) <b>Doors /joinery woodwork</b> As floor tiling starts, doors and joinery also can be organized.</li> <li>i) <b>Procurement of items</b> <ul style="list-style-type: none"> <li>i. <b>Elevation outdoor tiles</b></li> <li>ii. <b>Khaprail terrakota tiles for slanting roof</b></li> <li>iii. <b>Doors</b></li> <li>iv. Sanitary fixtures/ faucets etc</li> <li>v. Electrical items</li> <li>vi. Camera / PA system item</li> </ul> </li> <li>j) <b>Security considerations</b></li> </ul>	
2	Plastering	<ul style="list-style-type: none"> <li>a) <b>Plastering</b> <ul style="list-style-type: none"> <li>i. <b>Inside walls of the building.</b> Completed</li> <li>II. <b>Electrical conduits plaster breakages.</b> Repairs completed in ground floor .</li> <li>III. <b>External plastering.</b> In progress on the right / rear side of building.</li> </ul> </li> <li>b) <b>Masonry</b> External left side (as we face the building) brick masonry is in progress.</li> </ul>	work in progress



No	Agenda	Description	Remarks
		c) <b>Site clearance.</b> Shuttering etc cleared from inside of building.	
3	<b>Painting</b>	a) <b>Vendor</b> Ganesh Enterprises are engaged for the painting b) <b>Materials</b> Putty etc have been procured. c) <b>Putty</b> Started in ground floor.	work in progress
4	<b>Tiles</b>  ( Floor / skirting/ dado)	a) <b>Tiles samples</b> email for is forwarded by Architect on 29 sep 2017. Architect requested to go ahead with ordering / procurement process on 07 oct 17. b) <b>Tiles delivery on site.</b> Shri Rohit Bhisn has intimated on 25 oct 17 that tiles truck is leaving in next two days. Confirmation is awaited for truck to start.	<b>most critical</b>
5	<b>Stone flooring</b>	a) <b>Supply</b>  i. <b>Green marble.</b> (6550 sq ft) Shri Bhagwan Saini is coordinating this supply.  ii. <b>Kota stone.</b> 2400 out of 3000 sq ft delivered. b) <b>Epoxy filling/ Grinding.</b> Hiralal has completed 70 % approximately cutting of kota floor joints. Epoxy filling of joints is in process along with grinding of these floors.	work in progress
6	<b>CCTV</b>  <b>PA system</b>  <b>Networking</b>	a) <b>Balance conduit and shifting of camera locations</b> as per our team's directions has been completed. b) <b>Wires for camera etc</b> have been drawn through the conduits. c) <b>Repair /completion of plaster</b> over conduits completed in ground floor and is in progress for rest of the building. d) <b>Vendor for hardware provision, fixing and commissioning</b> i. Shri Ram Gopal Agarwal factory location is being updated by a Delhi vendor. The vendor is in communication to provide quotations. ii. Also may be analyzed with Shri Arun Sharma	
7	<b>Aluminum windows</b>	a) <b>Vendor-1: Him Mec Tec Baddi</b> ( not responding eagerly)  i. Submitted design of windows with respect to profile and X-section and type of window. ii. Firm is requested to prepare a list of all windows as per type of windows, along with the rates bid. iii. Design and specifications being analyzed and shall be stabilized after discussing with you.	vendor selection in progress



No	Agenda	Description	Remarks
		<p>b) <b>Vendor-2: Sai Kripa enterprises</b> (quite eager but small timer)</p> <ul style="list-style-type: none"> <li>i. Shri Chamanlal Chauhan has forwarded his quotation.</li> <li>ii. Design and specifications being analyzed and shall be stabilized after discussing with you.</li> </ul> <p>c) <b>Vendor-3: Paramount metal works panchkula</b></p> <ul style="list-style-type: none"> <li>i. Shri Vikas Sethi visited site and is in process of giving his quotation. He has provisioned the windows for DPS and another school.</li> </ul> <p>d) <b>Proposal for provision of grills</b> Any of following types</p> <ul style="list-style-type: none"> <li>i. 12 mm aluminum pipes in the open able shutter. OR</li> <li>ii. MS square bar with a spacing of 6 inches on 2 cms plate frame on the ends for complete window separately flushed on the outside and aluminum window flushed on the inside.</li> </ul> <p>e) Colour</p> <p>f) More vendors are being explored.</p>	
8	<p><b>Rooftop residences mess kitchen</b></p> <p><b>Pre fab structure</b></p> <p><b>changed to permanent structure</b></p>	<p>a) <b>Approved drawing</b> of the roof with residences, mess, kitchen etc is required from Architect.</p> <p>b) <b>Permanent structure instead of prefab structure.</b> Decision for permanent structure of brickwork- column/ beam-slab conveyed to contractor before Diwali. As per Contractor he shall start after about 2 months due to his constraints.</p> <p>c) <b>Construction Planning / tentative time planning</b></p> <ul style="list-style-type: none"> <li>i. <b>Shuttering</b> Steel props, channels, steel plates/ plywood are required to be brought to site.</li> <li>ii. <b>Erection of shuttering</b> up to third floor.</li> <li>iii. Walls, columns/beams, slab casting (<b>one month</b>)</li> <li>iv. Internal electrification conduits, plumbing, plastering external/ internal (<b>one month</b>)</li> <li>v. Flooring/ dado etc (<b>one month</b>)</li> <li>vi. Finishes all types (<b>one month</b>)</li> </ul>	Critical activity



No	Agenda	Description	Remarks
		d) Schedule of completion at this point in time appears May 18.	
9	Drawings	<b>Underground sump 25,000 ltr and Rain water recharge well.</b> Working/ design drawings for are awaited from Architect.	
10	External Water supply	<p>a) <b>Bore well</b></p> <p>i. There are two bore wells existing out of one only is giving satisfactory yield, second not of much use and can be used for recharge bore and recharge structure around this.</p> <p>ii. Existing bore will be inadequate for requirement.</p> <p>iii. <b>Additional bore</b> is needed to be drilled/ pipelines etc laid now only.</p> <p>b) <b>Under Ground Sump 25000 ltr.</b> (Architect layout drawings)</p> <p>i. Both existing and second (which is yet to be made) bore wells to be linked to ug sump pipelines.</p> <p>ii. <b>Structural Drawings of ug sump required from Architect.</b></p> <p>iii. Location is front left of building, as we face the building.</p> <p>c) <b>Pump with shelter.</b> This item is required for pumping water from ug sump to Overhead roof Service tanks.</p> <p>d) <b>Overhead Service tanks.</b> HDPE 5 layer tanks ( sintex maybe) location as per requirement.</p>	
11	External Electric supply	<p>a) <b>Receiving Main panel / take off DP.</b></p> <p>i. This needs to be planned and desirable is a panel room.</p> <p>ii. Alternately, outdoor panel can also be planned considering safety requirements of school complex.</p>	



No	Agenda	Description	Remarks
		<p>iii. Architect Shri Rohit Bisan has been requested for provision of electric consultancy on this matter.</p> <p><b>b) Anticipated load</b> of the school is required for electric cable sizes, connection application etc.</p> <p><b>c) Cable laying.</b> Cable as per load to be laid from electric pole to main panel to distribution box.</p> <p><b>d) Alternate supply.</b> Generator set and inverter set of suitable KVA to be planned.</p>	
12	<b>External Sewerage system</b>	<p>a) <b>Manholes.</b> To be provisioned around the building as per layout toilets etc, starting shortly next week.</p> <p>b) <b>Septic tank.</b> Completed in the front of building.</p> <p>c) <b>Soakage pit</b> is to be made and the overflowing effluents should not be disposed into open drain.</p>	
13	<b>External Drainage system</b>	All around the building open drainage, saucer type, to be planned and rain surface water guided to RWP / out of school premises into general area drainage as per lay of ground/ contours.	
14	<b>External Gates/ Fencing</b>	<p>a) In view of the boarding school and to give confidence to parents/ management and in order to exercise proper security monitoring it is essential to have the compound fenced and have proper gate entry system. This needs to be planned.</p> <p>b) Architect Shri Rohit Bisan has been requested for provision of gates size/ design / specifications etc.</p>	
15	<b>External Road / paths</b>	Required to be planned as a) <b>RCC road / paver block over PCC</b> Road in front of building from main road to porch to main road b) <b>Paver blocks / outdoor tiles</b> Path with intermittent stairs to the mandir on the rear of the building.	
16	<b>Retaining wall / Revetment on sides of building</b>	<p>a) There is erosion / loosening of soil due to rains /construction activities due to which some stones/ boulders have skidded down also few trees are on verge of getting toppled. We need to plan retaining wall/ revetment suitably to safeguard the soil erosion / stones falling.</p> <p>b) Architect Shri Rohit Bisan has been requested for provision of size/ design / specifications etc of retaining wall.</p> <p>c) He has also suggested of shoring and stabilizing the soil.</p> <p>d) This can be done only after developing / leveling / filling the area little more now as per our requirements of side path to mandir , area on the sides of building, excavation of ug sump rain water well , road in front of building from main road to poach etc which fall in the general area, by a JCB.</p>	



No	Agenda	Description	Remarks
		e) Shri Jitender Sinha has been requested to organize this and in one go carry out general development of area / leveling by cutting or filling , excavation of ug sump, soakage pit , rain water well etc. after which shoring and retaining wall can start. Tentative schedule for starting this is now after 30 oct 2017.	
17	<b>Car parking</b>	Parking area has to be earmarked which can be PCC floor/ paver blocks type .	
18	<b>INTERNAL</b>  <b>Electricity/</b> <b>Watersupply/</b> <b>Sanitary/</b> <b>Drainage</b>	<p><b>Electrical Items</b></p> <ul style="list-style-type: none"> <li>a) Conduits laying. About 95 % completed</li> <li>b) CCTV/ PA system / Networking/ telephone/bb. Wires laying completed except some places.</li> <li>c) Electricity wires. To be procured and laid</li> <li>d) Plates/ switches/sockets</li> <li>e) Fixtures. Luminaries, fans, exhaust fans</li> <li>f) AC's, Solar water heater, RO plant etc</li> </ul> <p><b>Water supply</b></p> <ul style="list-style-type: none"> <li>a) Concealed CPVC pipes (normal/hot/RO). Laid about 90 %.</li> <li>b) <b>Gravity testing</b> of all concealed CPVC pipes, before flooring is started, will be undertaken next week. For this two 1000 ltrs HDPE water tanks are being procured and later shall be located on the roof as required.</li> <li>c) Faucets. To be procured and fitted</li> </ul> <p><b>Sanitary fixtures</b></p> <ul style="list-style-type: none"> <li>a) Sanitary fixtures WC/WHB/ etc to be procured.</li> <li>b) Washroom shower area partitions</li> </ul> <p><b>Internal drainage</b></p> <p>Sewage 4" PVC pipes / Bath etc 3" PVC pipes. Laid about 70%.</p>	
19	<b>Consultancy</b>	<p>Architect has been requested on 23 sep 2017 for consultancy provision for items as under :-</p> <ul style="list-style-type: none"> <li>a) <b>Electricity consultancy</b> for main receiving HT/ LT 3 phase panel and distribution. As per the building plan no room is catered for panel room. This also shall cater for a</li> </ul>	To be planned



No	Agenda	Description	Remarks
		<p>generator set and inverter for selected rooms. The load wattage etc for above maybe as per such school planning.</p> <p>b) <b>Gates</b> on road for both entry/exit from main road -2no's.</p> <p>c) <b>Retaining wall</b> on sides of building</p> <p>d) <b>Fencing</b> to entire school premises</p> <p>e) <b>Road</b> from main road to poach and <b>Path</b> with some stairs as per contour map till mandir.</p>	
20	<b>School Bank Account</b>	<p>a) <b>Documents</b> received</p> <ul style="list-style-type: none"> <li>i. <b>Trust deed</b></li> <li>ii. <b>Bye Laws</b></li> <li>iii. <b>Resolution</b> received and signed by all signatories.</li> <li>iv. <b>PAN</b> letter</li> <li>v. <b>KYC</b> documents of all signatories received</li> <li>vi. <b>Account opening form</b> ready with signatures, photos etc.</li> </ul> <p>b) <b>Documents awaited</b>  <b>Minutes extract of Executive committee meeting 09 sep 17</b> (mentioned in Resolution letter) signed by minimum 1/3 of members . These minutes extract needs to include points as :-</p> <ul style="list-style-type: none"> <li>i. The Trust "Yug Chetna Vatsalya peeth can open school named Samvid Gurukulam at Barian Nalagarh.</li> <li>ii. Samvid Gurukulam school can open bank account in PNB Nalagarh.</li> </ul> <p>c) Saving bank ac to be opened and account opening amount of Rs 5000/- will be required to be deposited.</p> <p>d) Rubber stamps as under will be required to be made.</p> <ul style="list-style-type: none"> <li>i) For Samvid Gurukulam</li> </ul> <p style="padding-left: 40px;">Authorized signatory</p> <ul style="list-style-type: none"> <li>ii) ( Col Nirmal Singh , retd )  Commandant  Samvid Gurukulam  (A new generation school)  Distt: Solan, HP.</li> </ul>	Fresh development
22	<b>Layout of Principal room</b>	<p>a) The adjacent room is originally pantry and two toilets for staff gents and ladies. This room is planned and prepared for Server room of camera system/PA system along with monitor etc and also there is inadequate space for parents /visitors waiting for meeting the principal, also this is inappropriate location with wash rooms, pantry etc for visitors movement through this room. Hence this arrangement appears unsuitable for the purpose we had discussed for placing</p>	Decision to be taken



No	Agenda	Description	Remarks
		<p>secretary/ steno and visitors going to principal room through this room.</p> <p>b) I have stayed the opening of internal door, though partition wall in principal room has been demolished</p> <p>c) I recommend the original plan layout as per architect drawing most suitable and reverting back. It facilitates steno room in front of principal room for regulating visitors and also having arrangements for visitors waiting /seating in the meeting room under supervision of steno to regulate meetings.</p> <p>d) There is no possibility of staff toilets for gents and ladies under any staircases. Also, pantry's alternate location is not seen as practical and it being far may defeat its purpose.</p> <p>e) <b>Arch furniture layout plan</b> Email forwarded on 12/13 oct 17 amplifies the point made in above paras.</p>	
24	<b>Painting</b>	<p>a) External</p> <p>I. Colour scheme</p> <p>II. Type of finish- weatherproof enamel paint</p> <p>b) Internal</p> <p>I. Colour <b>Roofs</b> white , <b>Walls</b> _____</p> <p>II. Type of finish</p>	To be planned
25	<b>Stationery</b>	Printed letterhead for commandant shall be required.	
26	<b>Furniture</b>	<p>a) Admin block</p> <p>b) Class rooms</p> <p>c) Lab</p> <p>d) Mess</p> <p>e) Dormitory</p> <p>f) Residences</p>	
27	<b>Sports grounds complex</b>	<p>a) <b>Land</b> availability to be assessed and terms/ conditions explored for lease etc</p> <p>b) <b>Layout</b> of sports field to be finalized</p> <p>c) <b>Proposal</b> is to have</p> <p>i. <b>Track 400 mtr</b>, 8 lanes, which has a football/ hockey field inside, basketball ground, track field events outside is desirable</p> <p>ii. <b>Building</b> with multi gym, swimming pool(optional), badminton, squash courts, dressing rooms , stores</p> <p>iii. <b>Fenced with gated entry</b> to complete sports complex.</p>	To be planned
28	<b>Himachal Govt Education Act</b>	a) As perused and recommended by Shri G Gupta ji on 14 Sep 2017, the application has been taken.	





No	Agenda	Description	Remarks
		b) Liaison with Deputy Dir of Solan District shall be coordinated.	
29	<b>Military appearance symbols</b>	Search of this nature of scrap /unserviceable equipment symbolizing a military theme school, so as to be placed suitably, to give pride and feel of a different type of institution.	
31	<b>GST registration</b>	a) GST registration for school to be undertaken	
32	<b>Security arrangements</b>	<p>a) Fixing of many items like faucets, sanitary fixtures, cameras, aluminum windows will start in nov/ dec, In view of securing the school infrastructure the following need to be undertaken:-</p> <ul style="list-style-type: none"> <li>i. <b>Doors</b> with lock arrangement in all rooms .</li> <li>ii. <b>Entry to building.</b> There are FIVE entry points (three in front , two in the rear) to the school building which need to be provisioned with door ( aluminum frame with fixed glass and suitable opening shutters) / collapsible grill and entry regulated/ closed.</li> <li>iii. <b>Guards</b> to be employed and positioned by nov end/ mid dec .</li> </ul>	
33	<b>Materials</b>	A list of materials, as of now, to be decided and procured is as per Appendix A.	

**Appendix A: Tentative List of Materials to be procured**

Item	Type	Vendors	Remarks
<b>Baluster staircase Railings</b>	Stainless steel railing provision	1. Sai kripa enterprises 2. Paramount metal works panchkula	Vendor selection in progress
<b>Green marble</b>	Delivery to site in progress	Shri Bhagwan Saini is coordinating	
<b>Kota stone</b>	2400 out of 3000 sq ft received	Shri Bhagwan Saini is coordinating	
Elevation fascia tiles outside			
Khaprail tiles on slanting roof			
Tiles floor/ dado	Provision by Architect in progress		



<b>Aluminum windows</b>	Design /specification being stabilized	1. Him Mec Tec Baddi 2. Sai kripa enterprises 3. Paramount metal works panchkula	Vendor selection in progress
<b>Pre fab structure roof and shower room partition</b>	Design /specification being stabilized	1. Him Mec Tec Baddi 2. Amani prefab Delhi	Now permanent structure planned
Camera/ PA system/ network hardware		To be stabilized in coordination with Shri Arun Sharma	Vendor selection in progress
<b>RO plant</b>	Five hundred ltrs per hour	1.Dolphin Aqua Cure P ltd	Vendor selection in progress
Chiller plant		To be stabilized in coordination with Shri Arun Sharma	
Faucets, nihani traps etc			
Sanitary fixtures WC, WHB, urinals			
HDPE 5 layered warer tanks			
Electrical items			
Door shutters and its hardware			
Solar water heater			
Air conditioner			